,

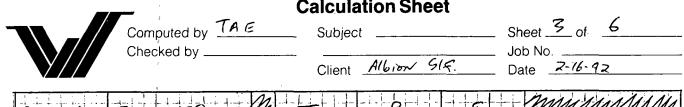
1		<u> </u>	C	alculation Sheet		
		Computed by Checked by		Subject	Shee	t <u>1</u> of <u>6</u>
Y//	7			Client Albion SIF.		2-16-97

1	1:::: 1/43		1		MARIOTANIII BUILLI
County Towns	170			5	
JACUSON CONCORD	>	35	13W	16	
WELL LOG WELL	WATER	DEPTH TO	CLAX THECKNESS	DEPTH	comments
THE DEPTH	DEPTH			BEOROCK	
6+(11135	53	+ 10   + 1	0	86	
6-2 90	32	0	3	35	
COUNTY TWASHP			2		
JACKSON CONCORD	21/1/1	35	30	++	
WELL LOG WELL	WATER	DEPTH TO	CCAX	DEPTH TO	Commerx
# DEPTH	DEPTH	CLAY	THICKNESS	BEDROCK	COMMINICIONIS
7-1	33	w/ Grave	72		
COUNTY TWNSHP			+ $R$		
CACHOUN ACETON	WAAAAA	35	9w		WMMMMM
-WELL-COG - WELLED	WATER	DEPTH TO	CLAY	DERTH TO BEORDCU	COMMENTS
# DEPTH	DEPTH 15	CCAY	THICKNESS	30	
		N SAND			
- 2-7 - 90	24	W6 ravel	38	38	COCATION
7-3 90	6		17111		
2-4 60	16	a/6 ravel	28	28	
2-5 75	91	10	3,	3	COCATION
	5	0	2	/3	GOCATION.
			7-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1		
			++1+1		
			US EPA RECO	RDS CENTER REGIO	DN 5
	+ + + + + + + + + + + + + + + + + + + +				
				471037	THE HEAT

٠,

<del>_</del> '   `	aiculation once	
Computed by TAF	Subject	Sheet Z of 6
Checked by		Job No
	Client Albion SIF.	Date 2-16-97

	j.		Client	1116107	<u>'</u> Ua	ile
COUNTY	TownSt	IIP //		R	⊣s	MMMMM
JACKSON	PARMA		75	30	79	UNI DIMMONIM
WELL LOG #	WELL DEPTH	WATER DEPTH-NOC	DEPTH CLAY	CLAY THICKNESS	DEPTH TO BEDROCK	COMMENTS
29-1	160	15	OW/SAND	1144	49	FROM LAND SURFACE DOW
29-2	85	161	O-W/GRAVEL	35	39	
29-3	74	20	O W/ GRAVEL	34	34	
79-4	100	30			35	
29-5	78	201	0	110	48	
29-6	80	20	0-+	70	70	
29-7	123	14	OWIGRAN	£118	18	
Z9-8	100	461		4	50	
-!						
COUNTY	TOWNS	HIP 1/2		R	S	mmm
JACUSON	PARMA		75	300	30	www.
LOG #	DEPTH	DEPTH	DEPTH TO CLAY	THECKNESS	BEDROCK	COMMENTS
30-1	115	30	0	10	48	MEASURED FROM LAND SURFACE DOWN PERACTURED BEORDIK
30-2	49	24	10	12	34	
.3o-3	-115	45	0-W/SAND -	40	70	



COUNTY TOWNS	IP 1		R		MMMMM
JACUSON PARA	nA I	25	304	3/	MIMMA
WELL LOG WELL	WATER DEPTH	DEDTH TO CLAY	CLAX THICKNESS	DEPTH TO BEDROCK	COMMENTS
31-1-11981	39	OW/SAND	+++	60	
31-2 110	47	0	777	50	
31-3	42'	O.W/GRAVEL.	10	73	
31-4 350	31/3/	O W/ GRAVEL	14,	87	SET-IN CONFINED AQUITE
31-5 96	33	WISAND	20	60	(REGIONAL?)
3(-6 (10)	37	W/SAND	2/	-68	
31-7 120	34	W/GRAVEL	10	63	
31-8	46	9	0	36	
31-9 1.98	39	WSAND	14	60	
					MINION
COUNTY TWISH P	11/1/1/		R		MANANA ANA
DACUSON PARMA	107777	DEPTH	CLAX.	PEPTH	
# DEPTH	DEPTH	CLAY		BEDROCK	COMMENTS
32-1-16	31111	W/ SAND	Zo		MANANAA
COUNTY TWN9HA	111/1/1	35			MANAAAAAA
WELL-LOB WELL	WATER	PECTH	COAK	DEPTH TO	COMMENTS
# DEPTH	DEPTH	CLAY	THICKNESS	75ED Rock	
5-1-145-	32	W/ 5AND	6	67	
5-3 60	25	0	(2)	331	
5-4 100	40'	0	0-	40'	

Computed by Checked by	TAE

Subject \_\_\_\_\_S

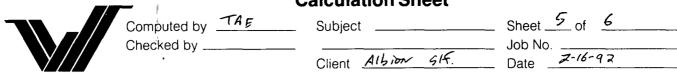
Sheet  $\frac{4}{9}$  of  $\frac{6}{9}$  Job No.

Client Albion 914.

Date 2-16-92

		Date Zie Z
Country	TOWNSHIP	
CALHOUN	ALBION 3S	11+12 //////////////////////////////////
WELL LOG	WELL WATER DEPTH	TO CLAX DEPTH COMMENTS
	120 166 w/saus 56	20-1-40-
12-1	150 60 W 6 Tavel	35
12-2	100 31 a/ San 15	35 35 35 35 35 35 35 35 35 35 35 35 35 3
12-3	100 45 01	30 + + + + + + + + + + + + + + + + + + +
12-9	1638	0 63 GIPLONATION WELL
COUNTY	TWNSHP MMMM T	
CALHOUN	SHERTORN MMM 25	4 w 35 WWWWWW
WELL LOG	DEPTH DEPTH CLAY	THICKNESS BEDROCK COMMENTS
35-1	134 561	35
36-2	150 161 WERE	63 63
35-3	760 70	(5) (15)
35-4	300 40 5	37/
35-5	120 62 wy sand	1571 371
35-6	120 42 101	5511
- 35 - 7	120 59 0	76
35-8	80 20	35/
	╏ <del>╡</del> ┾┊┽╏┿╏┷┼┼╂╏┼┼╏	

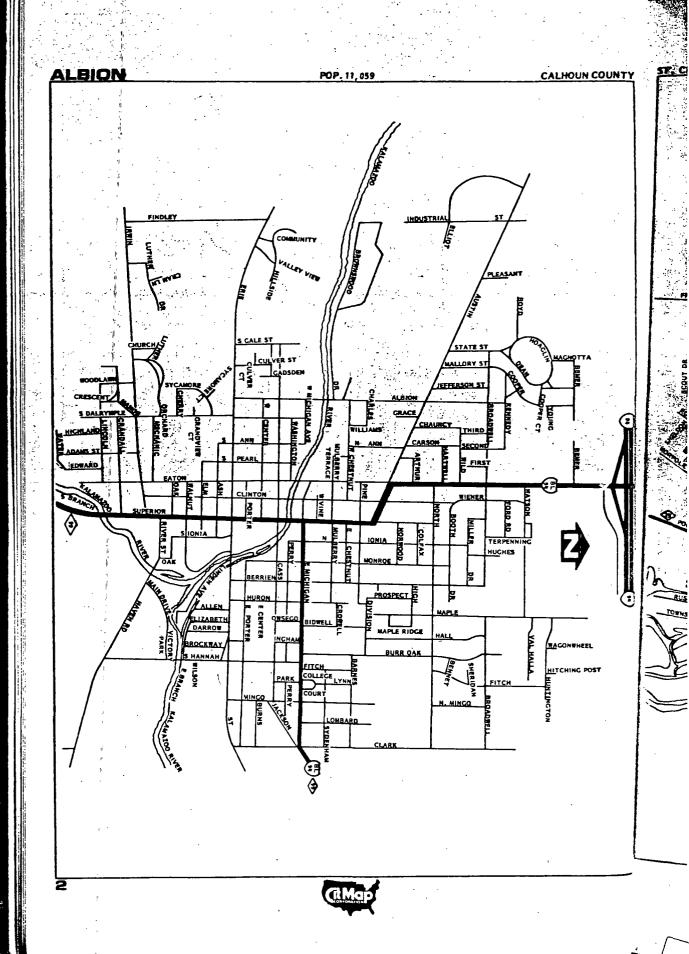
Cal	Cu	latio	าก	Sh	eet
-				~	



		0 - 26				mining
COUNTY	TOWNSHI			R	<b></b>	20011111111111
CALHOUN	SHERIDAN	///	25	4 W	36	
WELL LOG	WELL -	DEPTH	TO GLAY-	CLAY THICKNESS-	BEDROLL-	COMMENTS
36-1	196	43	BY 42 WIGRAVED	13	68	
36-2	84	3/	0	3	47	
36-3	85	34	40	10	55	
36-4	27	12	721	4	76	
36-5	301	22	76	3	291	LOCATION 77
36-6	50	26	10	+ 0	36	LOCATION ?
				200	Do	cpe 6of6
COUNTY	TWNSH	MINIMA		R	3	MUMMAMMA
CALHOUN	ACREAN	WWW.	35	4w		
WELL LOG	WELL	WATER DEPTH	DEPTH.	CLAY THICUNESS	BEDROCK-	Comments
	60	77		777	32	
1-2	841	42	0	3		
1-3	80	9		13	13	
1-4	75		W/ SAND		5	
1-5	50	18		75		
1-6	801	20	W/GRAVEL	0	301	
		19			49	
1+8	75					
1-9	95	6	W/ 5AWD	37-	18	<del>╒╏╸┈┿┈╸╽┄╌┩╸</del> ╪╶╅╌╌╌╏ <del>╒╏╸┈┿┈╸╽┄</del>
		8	W/SUND & GR	DVEC	37	
1-10	78	20	WISEND	30	30	
C= (1	80	7/-	W/ SAND	10	35	
1-12	75	R	o'	Ø	12'	

<del></del>	Calculation Sheet	
Computed by TAF	Subject	Sheet 6 of
Checked by		Job No
i .	Client Albion SIF.	Date 2-16-92

		0.101.1			
COUNTY	TOWNSHIP		R		
CALHOUN	SHERIDAM	75	+4 w	36	
WELL LOG-	WELL WATE DEPTH DEPTH	R DEPTH	THICKNESS	DEPTH TO	COMMENTS
36-7	120 36	35	3	977	
36-8	44/ 39	29		56	Price mell were 44
36-9	48 38	30			Purce weck
36-10	49 38	3/	4		Purchiveck
36=1/	52/ 38/	327	8		Punoz wiece
36-12	50 37	79	7/1		Puese wace
3.6-1.3	49 38	37	3		Punes WECK
36-14	50 38	3/.5	5.51	5.3	PURGE WELL
36-15	491 391	79			Purote wiske
36-16	95   6.1	WSAND	7-1-1	140	
36-1-7	120 44		6	74	
	<del>┍╌╌┩╗</del> ╌╬╌╬╌╬	┟╾┼╼╏╌┾╼╎╌┼╌┤╌┤			
		}			



#### INTEROFFICE MEMORANDUM

TO: John Stultz

FROM: Liz Bartz

DATE: July 13, 1994

RE: Wheelbrator, Albion, Michigan

John, I briefly perused the RFP for the Wheelbrator site in Albion, Michigan.

I have two concerns that I think we should discuss.

- 1) The site is immediately adjacent to the Albion-Sheridan TWP Landfill site. This is a Superfund site that we have been working on for the U.S. EPA since January 1992. One of the ground water source alternatives is to evaluate sinking a water supply well in on Wheelbrator property. There is a possibility that this water supply well could draw water from the landfill.
- 2) One of the other alternatives is to use purge water from the McGraw Edison (now Cooper Industries) remediation site. Cooper Industries is a heavy duty PRP for the Albion-Sheridan Township Landfill site.

I think it would be wise to contact your client at Wheelbrator and alert them to these potential complications. Our involvement at the Albion-Sheridan TWP Landfill site may knock us out of the running altogether. It would be beneficial to know this prior to devoting time and money to respond to the proposal.

cc: Tom Brunelle
Carl Malsom

GEOLOGICAL SOMEY SAMPLE NO.					
	WATER \	WELL REC	ORD		IICHIGAN DEPARTMENT
1 LOCATION OF WELL	ACT 29	4 PA 196	5		OF PUBLIC HEALTH
County Township Name	<del></del> -	Fraction	- 1/ 0 1	Section Number	
TACKSON PARMA		NIK	5 E 6 E	1 29	2 N/s. J Z/w.
Distance And Direction from Road Intersections  Address of South Andrew Colors  Clarat 35 South Michigan	1601	9) -	3 DWNER O	F WELL:	) / ///
Carried The The Annal To	A AUE			nnelfilo	well
1			Addies	09-8-41	egale 1 3-00
Street address & City of Well Location  Locate with "X" in section below Sketcl	h Map:		4 WELL DEP	TH: (completed) D	ate of Completion
N Sketch	ii wap.			50 ft.	JULY 111973
			5 Cable		
			· Holloy		
<b>┃</b> ″ <del>├</del>	,		6 USE: 🔽 D	omestic Publi	c Supply Industry
			_ =	=	onditioning Commercial
<b> </b>				est Well	<del></del>
1 MILE			Diam.	Threaded Welded	Height: Above/Below
	THICKNESS	DEPTH TO	<u> </u>	$\frac{25}{15}$ ft. Depth	
2 FORMATION	OF STRATUM	BOTTOM OF STRATUM	in. to		
,)			8 SCREEN:		
characteria arm and	8	2	Туре:		Dia.:
	- , ,	(0.0)	1	e	
Address of the same of the same	5/ (	67/	Set betwee	en ft. and	ft.
Button De Rose	10	79	Fittings:	NONE	
2			9 STATIC W		
Mr. J. Same San Free Francis		<u> </u>		ft. below land surf	
side how my sell	56	135	L.		umping 70 g.p.m.
March Deed Com & April 2006	15	150		ft. after hrs. p	rumping g.p.m.
			11 WATER Q	UALITY in Parts Per I	Million: Unknown
	ļ		(ron (Fe)	Chlori	ides (C1)
				0.1	
	<del> </del>			Other AD COMPLETION:	
					12" Above Grade
/				uted? Yes No	
·				Cement Bentoni	te
				Fromft. t	
	<del>                                     </del>			Source of possible co	ntamination
			. 4	eet Direction infected upon complet	· · · · · · · · · · · · · · · · · · ·
•	<del> </del>		15 PUMP:		ot installed
			_	urer's Name	
			1		HP Volts
			Length o	f Drop Pipeft.	capacityG.P.M.
·			Type:	Submersible	
	<del> </del>			] Jet	Reciprocating
USE A 2ND SHEET IF NEEDED		·	÷		
16 Remarks, elevation, source of data, etc.	J	17 WATER	WELL CONT	RACTOR'S CERTIFIC	CATION:
AUBE , MANY OF UNILLEG LINE OF		This wel	l was drilled		n and this report is true
			1	ESS NAME	REGISTRATION NO.
• 1 Aleu 874			<i>//</i>	ESS NAME	REGISTRATION NO.
	. • • • •	· Address	-	1) 1,	1/201
<b>→</b> ΔDD18 <b>0N 8%</b>		Signed	MA	-2001	Date 7-14-73
D67d 100M (Rev. 12-68)	-		AUTHORIZED F	REPRESENTATIVE	

### McClure Oil Company

Abbott No. 1

Permit No. 21101

Drilling Contractor: McClure Dil Co. (Rotary	Drilling	Contractors	McClure	つまえ	Co.	(Rotary
--	----------	-------------	---------	-----	-----	---------

Location: NEt NEt SEt section 29, T. 28., A. 3W.

330 " from North and 330 " from East line of quarter section

Elevation: 1001.7 feet above sea level (rot. bush.)

Record by: W. E. Mantek from driller's log; formation tops form samples 10-3402; and Schlumberger Gamma Ray-Neutron log (Schi.)

and Schlumberger Gamma Ray-Neutron log (Schj.)		20-5102,
PLEISTOCENE:	Thickness (feet)	Depth (feet)
Drift:	(1000)	(1000)
Erift (Pre. Report-Base Drift at 221)	12	(12 BA.
MISSISSIPPIAN2		
Bayport		
43#4###	10	22
vime	23	45
Sand, green	18 (51)	63 SA.,
Michigan:	•	
Snale and lime shells	25	88
Sand and lime	12	100
Sand, white	, <b>6</b>	106
Lime and sand	<b>်</b>	112
Sand (lost circulation at 204)	92 (141)	204 SA:
Marshall (?):		
Sand	13	215
Shale	18	233
Sand Sand	185 (214)	418 SA.
Coldwater:		•
Shale	974	1392
"Rad rock"	<i>5</i>	1397
Shale, black?	10	1407
Shale, blue	14 (1003)	1421 Schj,
Sunbury:		
Shale, blue ?	ló	1437 Schj.
Berea-Radford:		•
Shale, blue	46	1483 Schj.
MISSISSIPPIAN-DEVONIAN:		
Antrim:	1.52	1635
Shale, black		1674
Shale, gray	29 21	
Shale, black	3	1695 1698 Saha
Shale, gray	(215)	1598 Schj.

GEOLOGICAL SURVEY SAMPLE No.		<del>-</del>	
JAN 0 5 1981			
- 1 · 1	WAJEK_Y	WELL REC	5 OF
1 LOCATION OF WELL			PUBLIC HEALTH
County Township Name		Fraction	Section Number Town Number Range Number
Jacque Jam		WE'S	
Distance And Direction from Road Intersections	برزل مد ورد	1-1/2/	3 OWNER OF WELL:
	116	' * '	Address 30 Second
and the state of the	سع ويستم على	11/26	240 2 200
Street address & City of Well Location  Locate with "X" in section below  Skett	ch Map:		4 WELL DEPTH: (completed) Date of Completion
N	Cir Mob.		well depth: (completed) bate of Completion $140$ ft. $10-27-30$
			5 Cable tool Afotary Driven Dug.
			Hollow rod Jetted Bored
w   +     = <del>-</del>			6 USE: Domestic Public Supply Industry
		· 	Irrigation Air Conditioning Commercial
			Test Well
			7 CASING: Threaded Welded Height: Above/Betow
1 MILE			Diam. Surfaceft.
2 FORMATION	THICKNESS OF	DEPTH TO BOTTOM OF	in. to 7/ft. Depth Weight // lbs./ft.
	STRATUM	STRATUM	in, toft. Depth   Drive Shoe? Yes   Drive Shoe?
10 Com A Will	20	20	8 SCREEN:
- July		-	Type: Dia.:
Adm at	120	40	Slot/Gauze Length
	+	110	Set betweenft. andft.
Frank	1 7	49	Fittings:
	7 ,	> :1	9 STATIC WATER LEVEL
Jendrock	1//	70	ft. below land surface
$Ab \rightarrow b$	1.3	83	10 PUMPING LEVEL below land surface
shall	1/9	80	ft, after hrs. pumping g.p.m.
A don who will be	5	88	to store the entire to
	<del> </del>		ft, after hrs. pumping g.p.m.
Chalic Deenchood	27	115	Iron (Fe) Chlorides (C1)
Mary Warrack	111	2	
- Service - Service	45	,	HardnessOther
			12 WELL HEAD COMPLETION: In Approved Pit
			Pitless Adapter 12" Above Grade
,			13 Well Grouted? Yes No
			Neat Cement Bentonite Depth: From ft. of
			14 Negrest Source of possible contamination
		<del> </del>	G feet E Direction Sight Type
			Well disinfected upon completion
	T		15 PUMP: A Not installed
			Manufacturer's Name
			Model Number HPVolts
	ļ	ļ	Length of Drop Pipeft. capacityG.P.M.
'			Type: Submersible
	<del> </del>		☐ Jet ☐ Reciprocating
16 Remarks, elevation, source of data, etc.		17 WATER	MELL CONTRACTOR'S CERTIFICATION:
ADDED INFO BY DRILLER, ITEM MC	•	This well	I was drilled under my jurisdiction and this report is true
CORRECTED: 8Y		_ )of the be	st of my knowledge and beider with the 0404
**************************************		1/	STERED BUSINESS NAME & REGISTRATION NO.
SLEVATION		Address	Shringhot
DE019 10 2000		Address	10 140 - M 11 / 1n
	•	Signed	11/1/2-ENTEDITION 1/1/80
D67d 100M (Rev. 12-68)	41.	,5	AUTHORIZED REPRESENTATIVE

	MICHIGAN	DEPART	MENT OF	-PUBLIC HEALTH
GEOLOGICAL SURVEY NO.	WATER	WELL A	AND PU	JMP RECORD PERMIT NUMBER
1 LOCATION OF WELL	•			PERMIT NOMBER
	ship Name		Fraction	Section Number   Town Number   Range Number
JACKSON -	PARMA		1/4	1/4 1/4 29 2 kg/s 3 b/W
Uistance And Direction From Road Intersect	ion		<del></del>	3 OWNER OF WELL:
West of Conden T	ld on Nor	Th Side	4 ن	
				Address 202 5 UNION
Michgan Aue Address	: 153800	MICHIG	A O	PHRMA, MIT_114369
Street Address & City of Well Location			Ave.	Address Same As Well Location? Yes No
Locate with 'X' in Section Below	Sk	etch Map:		4 WELL DEPTH: (completed) Date of Completion
				80 11 12-04-87
				5 Cable tool Rotary Driven Dug
				Hollow rod Auger Jetted
w				6 USE: Type I Public Type III Public
				☐ Irrigation ☐ Type IIa Public ☐ Heat pump
	•			Test Well Type IIb Public
				7 CASING: Steel Threaded Height: Above/Below
1 MILE			·=	Plastic Welded Surface / ft
2 FORMATION DESCRIPT	ON	THICKNESS OF	DEPTH TO BOTTOM OF	in. to 40 ft. depth Weightlbs./ft.
- TORMATION DESCRIPT		STRATUM	STRATUM	in, to ft, depth
		ا ۔۔۔ ا		Grouted Drill Hole Diameterin. toft. depth
Clay	·	15		in, toft. depth No
			2.5	8 SCREEN: Not Installed
GRAVEL	· ····	/0	25	Туре Diameter
SHAle		```	41	Slot/Gauze Length
JH+12		20	45	Set betweenft. andft.
		35	80	FITTINGS: K-Packer Lead Packer Bremer Check
SHALE - SANdstone		33	<u> </u>	Blank above screenft. Other  9 STATIC WATER LEVEL:
				/ ^ m =
<u> </u>	- <del>-</del> :			ft. below land surface  Flow 10 PUMPING LEVEL: below land surface
				50 ft. after / hrs pumping at 30 G.P.M.
				! · · · · · · · · · · · · · · · · · · ·
				ft. after hrs. pumping at G P.M.
	,			11 WELL HEAD Pitless adapter 12" above grade
				COMPLETION Basement offset Approved pit
				12 WELL GROUTED? No Yes From 0 to 40 ft.
				Neat cement Bentonite Other
	·		·	No. of bags of cement Additives
5 <b>7.0</b> 0000	16.			13 Nearest source of possible contamination
A STATE OF THE STA	्राच्याः जिल्लाच्याः स्टब्स्याः			Type Septic Distance 50 ft. Direction
a sur Assur Mill PM	eness of the Seedle	†	;	Well disinfected upon completion? Yes No
<del>-                                    </del>	300			44.00040
2.201				Not installed Pump installation Only
- Bustey of Environm	ion,i and			Manufacturer's name (70 u / d
Occupational Healt	h-GWQS			Model numberHP 1/3Volts230
				Length of Drop Pipe ft. capacity G.P.M.
				TYPE: Submersible Jet
			·	PRESSURE TANK:  Manufacturer's name  A - O Sm. Th
USE A 2ND SHEET IF NEEDED				Model number U-60 Capacity 6.1 Gallons
15. Remarks, elevation, source of data.		1	16. WATER	R WELL CONTRACTOR'S CERTIFICATION:
2 12.112.112.12.13.1, 333.33 31 4314.			This wel	Il was drilled under my jurisdiction and this report is true
•				lest of my knowledge and belief.
•			77	T WELL DRILLING INC. 23-1077
			Address	REGISTERED BUSINESS NAME REGISTRATION NO. HAY CHAR LOTTE, MJ. 488
		ļ		4019
		<u></u>	Signed .	Yay Cord Date 13-67-87  AUTHORIZED REPRESENTATIVE
D67d 2/84		e.	•	AUTHURIZED REFREGENTATIVE

Authority: Completion: Penalty: Act 368 PA 1978
Required
Conviction of a violation
of any provision is a
misdemeanor.

		···			4 a.	PERMIT	UMBER
1 LOCATION OF WELL	Toward or No.		Linguing	<del></del>	Section Number	Town Number	Banca Number
County Jackson	Township Name Parma		NE 1/4		section Number	2 <b>X</b> /S	Range Number
Distance And Direction From Road I 600 Esat of Ludlo 15620 E. Michigan Street Address & City of Well Locate	w Rd. On S. side  Ave. Albion. MI	of Com	1	3 OWNER OF Address A	WELL: Advanced Pa 15620 E. Mi Albion, MI	ving Compar chigan Ave. 49224	<b>N</b> O
Locate with 'X' in Section Below  W  I MILE  2 FORMATION DES	Sk 30 ps 7 Comdon a Michigar	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM	5 Cable too Hollow ro 6 USE: Dom Irriga Test 7 CASING: In. to	85 ft.  Rotary  Auger estic Type I	Date of Complet 4/14/8  Driven  Jetted  Public  Public  Height: Abov	Type III Public Heat pump  re/9506w  Ift
Gravel & Clay	į.	35	35	in. to	ft. depth	·	□ No
Gravel & Stones		4	<i>3</i> 9	8 SCREEN:		Not In	
Soft Gray Shale		5	ЦЦ;	\$lot/Gauze _		Length	
Gray Shale Med Har	rd	6	50	☐ Blank ab	ove screen	Lead Packer 🔲 I ft. Other	3remer Check
Gray Sandrock w/	strips of Limerod	k 35	85	9 STATIC WATE	R LEVEL:  16 t below land  VEL: below land su	surface	Flow
				<u>16</u> ,	it. after hrs. it. after hrs. Pitless ac	pumping at	_ G.P.M.
				13 Nearest sour	TED? No ment Bento of cement ce of possible conta	Additives	O to 25 ft. Senseal Bags:
				14 PUMP: [ Manufacturer Model number Length of Dri	3D500-8F		olts <b>_230</b>
USE A 2ND SHEET 15. Remarks, elevation, source (	of data, etc.		This we		r's name A PAPER ACTOR'S CERTIFIER My jurisdiction and		40 Gallons
****	RECEIVED dich. Dear of Subject 1989		R. M	Brewer REGISTERED BUSIN	ESS NAME  rington Rd		on no MT 49269 /18/89
D67d 2/84 ~;	attenational Health - GW	୍ବ/ୟ <b>/ଠ୍</b> ଣ		AUTHORIZ	Au	thority: Act 3	368 PA 1978 · -

GEOLOGICAL SURVEY NO-

eological Survey No.	00082 	michigan WA	11EK WELL AN	ID PUMP RECORD				
1 Location of Well County JACKSON	; :Township Name : PARMA	(Fraction ) 1/4						
======================================	n From Road Intersect	:========== :ion	:========= ;	:====================================				
15400 MICHIGAN AVE.	4	•	;	Address 15400 MICHIGAN AVE ALBION MI 49224-				
Street Address and Ci	ty of Well Location		;	Address Same as Well Location? Yes				
Sketch Map	;			4 Well Depth (Completed)   Date of Completion 08/21/89   100 ft.   Replacement Well				
				   5 Drilling Method ROTARY				
	,		; ;	6 Proposed Use DOMESTIC				
FORMATION DESC CLAY GRAVEL SHALE SANDSTONE	RIPTION	of	Depth to    Bottom of   Stratum     20     40     70	·				
		 		8 Screen Not Installed				
	•	; ; ;		9 Static Water Level 20 Ft. Below Land Surface Flow 10 Pumping Level Below Land Surface				
		} }	1 1	100 ft. after 1 hrs. pumping at 15 G.F.M. ; ft. after hrs. pumping at G.F.M. ;				
		} !		11 Well Head Completion PITLESS ADAPTER :				
		; ;	1 1	12 Well Grouted Yes From 0 to 60 ft.  BENTONITE  No. of bags of cement Additives				
er		. !	!	15 Meanest Source of Possible Contamination SEWAGE 50				
			1 -	Well disinfected upon completion? Yes : Was old well plugged? No :				
	ROM 0-25' WITH BENSEA	L.	; 	14 Pump Installed Pum				
report is true to t	ed under my jurisdict he best of my knowled	oe and belief.	 	Model Number HF 1/2 Volts 110 Lenoth of Drop Pipe 45 ft. Capacity 10 Type SUBMERSIBLE Jet Fressure Tank Name A-O SMITH Pressure Tank Model V-60				
EGISTERED BUSINESS NA EGISTRATION NUMBER DDRESS <mark>4621 THORNTON</mark>	ME LJT WELL DRILLING, 23-1077  HWY: O DATE	8/22/	89	AUTHORITY: Act 368 FA 1978 COMPLETION: Required.  PENALTY: Conviction of a violation of any provision is tative) misdemeanor. IMPORTANT: File with deed.				

	MICHIGAN	DÉPART	MENT O	F PUBLIC H	ALTH		
GEOLOGICAL SURVEY NO.	WATER	WELL	AND PU	JMP REC	ORD	PERMIT N	1 6 7 3 UMBER
1 LOCATION OF WELL County Towns	ship Name		Fraction	The second	Section Number	Town Number	Range Number
Jackson	Parma		SW/4	NW,SW,	29	2 <b>A</b> /S	
Distance And Direction From Road Intersect	tion	- D:		3 OWNER OF			<u> </u>
On N.E. Corner of Comdo Intersection.	au kor « Tara T	TOM KOB		<b>1</b> ;	Belote Home 833 Spring	s, inc.	
_				Address	Jackson, Mi	chigan 49	201
Ludlow Rd. Albic Street Address & City of Well Location	m, Michigan	1 49224			ne As Well Location		_
Locate with "X" in Section Below	3 3	Sketch Map:		4 WELL DEPTH		Date of Completi	ion
	-0			L	<b>74</b> ft.	12/1	5/88
▋┡╼╉╼╣╾╣╾┪╸ <sup>┉┉</sup> ╗	3			5 🗷 Cable too		<u>=</u>	☐ Dug
<b> </b>	· 1			Hollow ro		Jetted	
	XC -			6 USE: Dome			Type III Public Heat pump
	xcon	raan R	<u> </u>	Test	==		meat pump
	Mis	this on A	we.	7 CASING: Diameter	Steel Thread		e/8 <b>3.03.</b> v
1 MILE					Plastic Welded	Surrace	
2 FORMATION DESCRIPTI	ON	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM		ft. depth	Weight 11	lbs./ft.
	ıl.		_	Grouted Drill	Hole Diameterft. depth	   Drive Shoe	Yes
Clay & Stones		34	34		ft. depth		□ No
Brown Limerock		8	42	8 SCREEN:	_	Not In	
Gray Sandy Shale		23	65	Slot/Gauze _	C	ength	
		<del> </del>		Set between	ft.	and	ft. Bremer Check
Gray Sandrock		9	74		ove screen f		
				9 STATIC WATE			
				10 PLIMPING LE	ft. below land : VEL: below land sur	surface	Flow
					t. after <b>1½</b> hrs. p		5
	<u> </u>	<del> </del>			t. after hrs. p t. after hrs. p	-	
				11 WELL HEAD COMPLETION		=	bove grade
	<del></del>	+		12 WELL GROU	TED?	offset Appro	0 to 25 ft.
					. □ No E	_	
				☐ Neat cen	nent Bentor	nite 🚍 Other 🗓	denseal
			-	No. of bags o	f cement	Additives	
				Type Ser	•	-1.	. <b>Ы</b>
				Type	Distant		;tion
		<u> </u>			ed upon completion?	Yes _	No
				14 PUMP:	Not Installed		allation Only
		1		Manufacturer			. 220
				Model number	r <u>9D9P051</u>	•	olts <u>230</u> <u>12</u> g.p.m.
				1 -	Submersible		
	_ <del></del>	1		PRESSURE TA	ANK:	Smith	
lies a data quest is vissas				Manufacturer  Model numbe	II CA	Capacity	40 Gallons
USE A 2ND SHEET IF NEEDED 15. Remarks, elevation, source of data,		<del> </del>	16. WATE		ACTOR'S CERTIFIC		
	•	-	This we		r my jurisdiction and		
	•			Brewer 8		0106	ζ.
				REGISTERED BUSIN	ESS NAME	REGISTRATIO	N NO.
·			Address	215 Harri	ngton Rd.	Parma, Micl	1. 49269
			Signed-	Jenne	M OTELS	Date	2/20/88
D67d 2/84						hority: "Act 3	68 PA 1978

Authority: Completion: Pensity:

GEOLOGICAL SURVEY NO.	WATER	WELL A	AND PU	UMP RECORD, PERMIT NUMBER
1 LOCATION OF WELL	r	<b>7</b>		PERMIT NUMBER
	wnship Name		Fraction	Section Number Town Number Range Number
Jackson -	Parma		1/4	
Distance And Direction From Road Inter		<del></del>	./4	1 1/4 1/4 29   N/S   TEM
	the state of the s		•	
West of Ludlow Ro			ie	Eva Adams
of Condon Rd. at	16143 Condo	n Rd.		Address 16143 202 S. Union st.
				Parma,MI 49269
Street Address & City of Wall Languign				Address Same As Well Location?    Yes    X No
Street Address & City of Well Location  Locate with "X" in Section Below		ketch Map:		
Locate with X in Section Below	. 3	ketcii iviap:		I MO. I DAY I YEAR I LOLINEW WEIL
				100 FT.   8   8   Replacement Well
<del>                                    </del>				5 Cable tool K Rotary Driven Dug
				Hollow rod Auger Jetted
w				
				6 USE: Domestic Type I Public Type III Public
				Irrigation Type IIa Public Heat pump
				Test Well Type IIb Public
	•			7 CASING: Steel Threaded Height: Above/Below
1 MILE	i			Plastic Welded   Surface 1 ft.
		THICKNESS	DEPTH TO	E : 52 6 don't
2 FORMATION DESCRI	PTION	OF	BOTTOM OF	· Verdit ios./it.
· · · · · · · · · · · · · · · · · · ·		STRATUM	STRATUM	in. toft. depth Grouted Drill Hole Diameter Drive Shoe Yes
			~ ~	in. to ft. depth
Gravel		35	35	in. to ft. depth   Drive Shoe
		1		8 SCREEN: Not Installed
Limerock		20	55	Type Diameter
Sandstone & Limero	n le '	45	100	Slot/Gauze Length
Dandi vone & Himero	<u> </u>	· · /	100	Set betweenft. andft.
		1		FITTINGS. K-Packer Lead Packer Bremer Check
				Blank above screenft. Other
		1		9 STATIC WATER LEVEL:
		l i		ft. below land surface
				10 PUMPING LEVEL: below land surface
		1		
		1		
				ft. after hrs. pumping at G.P.M.
		1		11 WELL HEAD
				11 WELL HEAD Pitless adapter
		<u> </u>	<del></del>	Basement offset Approved pit
	n.			12 WELL GROUTED? No X Yes From 0 to 52 ft.
				Neat cement 🛣 Bentonite 🗌 Other
				No. of bags of cement Additives
3				13 Nearest source of possible contamination
2				Type Sentic Distance 50 ft. Direction
				Well disinfected upon completion? ★ Yes  No
	1		···	Was old well piugged?
				14 PUMP: Not Installed Pump Installation Only
				Manufacturer's name Gould
				Model number HP <u>1</u> Volts <u>230</u>
				Length of Drop Pipe 45 ft. capacity 10 G.P.M.
		1970 O 4 2 3	r-,	TYPE: XX Submersible  Jet
	8.1 <sub>2.1.</sub> 5-			PRESSURE TANK
		7-1	10.2011	Manufacturer's name <b>XXXXX</b> A-O Smith
USE A 2ND SHEET IF NEI	EDED OC	T 6 10k	0	Model number V-60 Capacity 6.1 Gallons
15. Remarks, elevation, source of da		+ · · · · · · · · · · · · · · · · · · ·		ER WELL CONTRACTOR'S CERTIFICATION:
	Si⊒reau of	Environ -	This wel	rell was drilled under my jurisdiction and this report is true
	Occupation	and He ma	Mile! to the b	rell was drilled under my jurisdiction and this report is true best of my knowledge and belief.
	2-224ind7iiQi	ral Health	1.5±4.47 (4)	
	·		<del>11' bil</del>	REGISTERED BUSINESS NAMES, INC. 23-1077.
17. Rig Operator's Name:				ss 4621 Thornton Hwy. Charlotte, MI
	•			1, 90
			Signed	
D67d 12/85				AUTHORIZED REPRESENTATIVE  Authority:. Act 368 PA 1978
	•			Completion: Required

MICHIGAN DEPARTMENT OF PUBLIC HEALTH

29-4

GEOLOGICAL SURVEY COPY

Act 368 PA 1978
Required
Conviction of a violation
of any provision is a
misdemeanor.

	DEPART	MENT-OF	PUBLIC HEALTH
GEOLOGICAL SURVEY NO WATER	WÉLL A	AND PÜ	IMP RECORD
· · · · · · · · · · · · · · · · · · ·		ACT 368, P.A.	/ / PERMIT NUMBER
1 - LOCATION OF WELL		Fraction	
SACKSON PARMA  Distance And Direction From Road Intersection		1/4	1/4 1/4 29 2 M/S 3 E/W
1 ST Place West of Michigan A	مر مر	5 5:10	3 OWNER OF WELL: EVA Adams
THEE West of Inchigan	UC.	- , 0 , 00	Address 202 S. UNION
of Condon Rd. Address: 1539	1 Cond	- D	PARMA, MI 49269
Street Address & City of Well Location		<sup>مہ ہ</sup> ط.	Address Same As Well Location? Yes No
	etch Map		4 WELL DEPTH: (completed) Date of Completion
			80 11. 12-04-87
			5 Cable tool Rotary Driven Dug
			Hollow rod Auger Jetted
w			6 USE: Domestic Type I Public Type III Public
			Irrigation   Type III Public   Heat pump
± M1			Test Well Type IIb Public
			7 CASING: Steel Threaded Height Above/Below
1 MILE		_	Plastic Welded Surface / ft
2 FORMATION DESCRIPTION	THICKNESS	DEPTH TO	
2 FORMATION DESCRIPTION	OF STRATUM	BOTTOM OF STRATUM	in, to ft. depth
			in, to 37 ft, depth   Drive Shoe   Yes
Clay	25	_ <del>2</del> 5	in to ft. depth
<b>'</b>			8 SCREEN: Not Installed
SHALE	14	39	Tyce Diameter
			Slot/ Gauze Length
SHALE & SAND STORE	4/1	80	Set cetweenft, andft
		•	FITTINGS: K-Packer Lead Packer Bremer Check
			Blank above screenft. Other  9 STATIC WATER LEVEL
		_	ft. below land surface
·			}
			80 ft. after 1 hrs. pumping at 30 G.P.M.
			ft. after hrs. pumping at G.P M.
			11 WELL HEAD Pitless adapter 12 above grade
			COMPLETION. Basement offset Approved pit
		3	12 WELL GROUTED? No X Yes From O to 39 ft.
	1	•	No X Yes From to tt.
			Neat cement S Bentonite Other
			No of bags of cement Additives
			13 Nearest source of possible contamination
<u>.</u>			Type SepTic Distance 50 ft. Direction
			1
RECEIVED			Well disinfected upon completion? X Yes No
Milling Dear, of Public Tro.	.i		14 PUMP Not installed Pump Installation Only
11a v lo 3 10co			Manufacturer's name <u>Gould</u>
AIAY 27 1968			Model number HP 1/2 Volts 230
			Length of Drop Pipe 25 ft. capacity 1/ G.P.M.
ଡିଜ ଅବସ୍ଥାନ ବିଷୟ ଅନୁକ୍ରଣ କଥା ବିଷୟ ଅନୁକ୍ରଣ କଥା ବିଷୟ ଅନୁକ୍ରଣ କଥା କଥା କଥା । ବିଷୟ ଅନୁକ୍ରଣ କଥା			TYPE Submersible
Wodandrial Netral GVVOS			PRESSURE TANK:  Manufacturer's name A-O SMITH
			l
USE A 2ND SHEET IF NEEDED			Model number 1-60 Bulled Capacity 6. 1 Gallons
15. Remarks, elevation, source of data, etc.			R WELL CONTRACTOR'S CERTIFICATION: It was drilled under my jurisdiction and this report is true
			est of my knowledge and belief.
		147	T. Well DR. H. No. TWO 23-1077
			REGISTERED BUSINESS NAME A REGISTRATION NO.
	İ	Address	4621 Thornton Hay Charlotte, MI 48Ki
<u> </u>		Signed	JAUTHORIZED REPRESENTATIVE Date 12-07-87
D67d (Rev. 10-80)			OAUTHORIZED REPRESENTATIVE

GEOLOGICAL SURVEY SAMPLE No.		
DEC 1 1976	WATER WELL RECC	ORD MICHIGAN DEPARTMENT
1 LOCATION OF WELL		PUBLIC HEALTH
Tackson Jan	me, SWNB	SW <sub>1/4</sub> Section Number Town Number Range Number 2 N/S. 3 L/W.
Distance And Diffection from Road Intersections	main Avac 3.	Mistall hugeman
m last Richt / 11	Along apal	Addres 4550 flegham food
Street address & City of Well Location	Ludlowhood	altron
Locate with "X" in section below	<u>}</u>	WELL DEPTH: (completed) Date of Completion
	J4 5023 6	Cable tool Rotary Driven Dug
When I have the man	J# 9	USE: Domestic Public Supply Industry
		☐ Irrigation ☐ Air Conditioning ☐ Commercial
	7	CASING: Threaded Welded Height: Abov below
1 MILE		Surfaceft.
2 FORMATION	THICKNESS DEPTH TO OF BOTTOM OF	7 in. to 4 ft. Depth Weight 1 lbs./ft.
0//	STRATUM STRATUM 8	in. toft. Depth   Drive Shoe? Yes SCREEN:
(lary	10 10	Type: Dia.:
San of downer	ייע איע על אי	Slot/Gauze Length
The state of the s		Set between ft. and ft. Fittings:
sure of our	10 79	STAŢIC WATER LEVEL
Sandrock	470	20ft. below land surface
Limbrock	8 3 "	PUMPING LEVEL below land surface  130 ft. after 3 hrs. pumping 30 g.p.m.
	9	to other has a spin-
	1.	ft. after hrs. pumping g.p.m.  WATER QUALITY in Parts Per Million:
	. 3	Fron (Fe) Chlorides (CI)
		HardnessOther
		2 WELL HEAD COMPLETION: In Approved Pit
		Pitless Adapter 12" Above Grade
		Well Grouted? Yes To Neat Cement Bentonite
*	/	Depth: Fromft. /
	14	Nearest Source of possible contamination  Officer SE Direction State  Type
		Well disinfected upon completion No
	15	PUMP: Not installed
		Manufacturer's Name
		Model Number HP Volts G.P.M.
		Type: Submersible
· · · · · · · · · · · · · · · · · · ·		Jet Reciprocating
USE A 2ND SHEET IF NEEDED		
16 Remarks, elevation, source of data, etc.	17 WATER WE	LL CONTRACTOR'S CERTIFICATION:
ADDED INFO BY DRILLER, ITEM NO.	to the best	of my khowledge by belief.
*CORRECTED BY  **ADDITION BY	REGISTE	TREO BUSINESS NAME REGISTRATION NO.
ELEVATION	Address	Springpox
DEPTH TO ROCK	. ~	n Leonard Date 11-13-7
D67d 100M (Rev. 12-68)	Signe Z	ITHORIZED REPRESENTATIVE

GEOLOGICAL SURVEY SAMPLE No	e F	÷.	
SEP 2 7 1976	WATER \	WELL REC	ORD MICHIGAN DEPARTMENT -
1 LOCATION_OFWELL	ACT 29	4 PA 196	
Courty Township Name	41	Fraction	Section Number Town Number Range Number
Distance and Direction from Road Intersections	0/12	Tous	3 OWNER OF WELL:
on south of the	men	200	poddress 11 000 mon Indon
Street address & City of Well period 95 Com	lonflow	froi	Altern
Locate with "X" in section below Ske	tch Map:	) D	4 WELL DEPTH: (completed) Date of Completion
permit	7411		5 Cable tool Rotary Driven Dug
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	4	•	Hollow rod Jetted Bored
			b USE:
			Test Well  7 CASING: Threaded Welded Height: Above-below
1 MILE	<del></del>		Surface 2 fr.
2 FORMATION	THICKNESS GF STRATUM	DEPTH TO BOTTOM OF STRATUM	10. to 5/ ft. Depth Weight / lbs./ft.  in. to ft. Depth Drive Shoe? Yes No
101	, 7	17	8 SCREEN:
Of the	12	12	Type: Dia.: Slot 'Gauze Length
Clay grovelly	5	//	Set betweenft. andft.
Stovel	ري ح	22	Fittings:
Clas	4	21	9 STATIC WATER LEVEL  ft. below land surface
8 0 1 1	7 /5	11.2	10 PUMPING LEVEL below land surface
Jans & graves	//	76	g.p.m.
Leme joch Ishale	92	133	ft. after hrs. pumping g.p.m.
Sandrock	20	7	11 WATER QUALITY in Parts Per Million:    Iron (Fe) Chlorides (CI)
,			
			Hardness Other  12 WELL HEAD COMPLETION: In Approved Pit
			Pitless Adapter 12 Above Grade  13 Well Grouted? Yes No
			West Coment   Bentonite
			Depth: Fromft. toft.  14 Nearest Source of possible contamination #
			LU fee St Direction Septem Type
			Well disinfected upon completion Yes No  Not installed
			Manufacturer's Name
			Model Number HP Volts Length of Drop Pipe ft. capacity G.P:M.
			Type: Submersible
			Jet Reciprocating
USE A 2ND SHEET IF NEEDED			
16 Remarks, elevation, source of data, etc.		This yell	WELL CONTRACTOR'S CERTIFICATION:
ODDED INFO BY DRILLER, ITEM NO.	-	1 X	5 Car o Wall will strong
• ADDITION BY	`	Addres	STERED JUSINESS NAME BEGISTRATION NO.
ELEVATION DEPTH TO ROCK		//	m. Po Aland 7-4-76
	<del> </del>	Signed	AUTHORIZED REPRESENTATIVE

GEOLOGICAL SURVEY SAMPLE No.			- The last of the
	WATED \	 MEI I DE <i>C</i>	CORD
1 LOCATION OF WELL	ACT 29		
County Township Name		Fraction	Sw Section Number Town Number Range Number
Tackson Parma  Distance And Direction from Road Intersections		11/12% J	E 1/4 1 29 2 N/S. S E/1
; · · ·	1819	13	Address Access Stamm
Street address & City of Well Location	AM YEIGH	MOV	A <sup>Mess</sup> 202 Union St. Parma, Mi.
Locate with "X" in section below Sket	ch Map:	NOCH A	4 DEPTH: (completed) Date of Completion
1 Comdon	10E2	Con the	5 ☐ Cable tool         \$\sqrt{\text{Rotary}}\$         \$\sqrt{\text{Driven}}\$         \$\sqrt{\text{Driven}}\$
N 3/ 50's.	15	C	Hollow rod Jetted Bored
	المحدية ا		6 USE: Domestic Public Supply Industry    Irrigation
			Test Well
1 MILE	MICHIGI	*/2	7 CASING: Threaded Welded Height: Above/Berow Diam. Plastic Surface 1 ft.
2 FORMATION	THICKNESS OF	DEPTH TO	
	. STRATUM	STRATUM	in. toft. Depth Drive Shoe? Yes 2 No8 SCREEN:
Clay	20	(20)	* Type: Dia.:
Shale	16	36	Slot/GauzeLength
			Set betweenft, andft. Fittings:
Sandstone	44	80	9 STATIC WATER LEVEL
:			ft. below land surface
			10 PUMPING LEVEL below land surface  80 ft. after 1 hrs. pumping 25 g.p.m.
			ft. after hrs. pumping g.p.m.  11 WATER QUALITY in Parts Per Million:
			Iron (Fe) Chlorides (CI)
·			HardnessOther
P			12 WELL HEAD COMPLETION: In Approved Pit
0			X Pitless Adapter 12" Above Grade  13 Well Grouted? Yes No
			Neat Cement Bentonite
			Depth: Fromft. toft.  14 Nearest Source of possible contamination
The state of the s			feetDirectionTy
<u> </u>			Well disinfected upon completion   Yes No  No Not installed
	-,		Manufacturer's Name McDonald
A CONTRACTOR OF THE STATE OF TH		_	Model Number HP $\frac{1}{2}$ Volts $230$ Length of Drop Pipe $25$ ft. capacity $10$ G.P.M.
			Type: X Submersible
<u> </u>			Jet Reciprocating
USE A 2ND SHEET IF NEEDED			
16 Remarks, elevation, source of data letc EIVED Mich. Dept. of Public	Rayib	This wel	WELL CONTRACTOR'S CERTIFICATION: I was drilled under my jurisdiction and this report is true
		to the be	est of my knowledge and belief. Well Drilling 1077
MOV 2 <b>8 1</b> 934	<del>'</del>		
Bureau of Environmen	ntel and	Address	R#2 Charlotte, Mi.
Occupational Health	GWCS	Signed	AUTHORIZED REPRESENTATIVE Date

GEOLOGICAL SURVEY SAMPLE No.	· <del>=</del> · .	. •	
APR 30 1974	WATER \	WEIL DE	COPD AMERICAN DEPARTMENT
<u></u>	ACT 29	14 PA 196	MICHIGAN DEPARTMENT OF PUBLIC HEALTH
1 LOCATION OF WELL County Township Name		Fraction	
JACKSON PARMA			Sw Sw Section Number Town Number Range Number 29 2 %.
Distance And Direction from Road Intersections N.E. CORNER OF W. MICHIGAN A	WE AND	>	3 OWNER OF WELL:  Tom Robinson & Son Inc.
LUDEOW RD. W. MICH	16AN A	fre-	Address 2401 Brooklyn Rd
	MICH		Jackson, Michigan
Locate with "X" in section below Sketc	K Map:		4 WELL DEPTH: (completed) Date of Completion
9			123 ft. 5/4/73  5 ■ Cable tool
COMDON	_		Cable tool Rotary Driven Dug Hollow rod Jetted Bored
*	$\searrow$	<u></u>	6 USE: Domestic Public Supply Industry
	H	VE	☐ Irrigation ☐ Air Conditioning ☐ Commercial
MICHIGAN MICHIGAN			Test Well  7 CASING: Threaded ₩ Welded , Height: Above/Salew
1 MILE	<del>,</del>	<del>,                                      </del>	Diam. Surfaceft.
2 FORMATION	OF STRATUM	DEPTH TO BOTTOM OF	6 in to 44 ft. Depth Weight 19 lbs./ft.
D. 1. 2		STRATUM	in. toft. Depth   Drive Shoe? Yes \ NO \ \ 8 SCREEN:
Red clay and stones	18	(18)	Type: Dia.:
Brown lime rock	7	25	Slot/Gauze Length
0	0.5		Set betweenft. andft.
Gray lime rock	25	50	
Shale	30	80	9 STATIC WATER LEVEL  14 ft. below land surface
Dark lime rock	3	83	10 PUMPING LEVEL below land surface  24 ft. after 2 hrs. pumping 100 g.p.m.
Dark rock	40	123	
7022 7002	10	127	ft, after hrs. pumping g.p.m.  11 WATER QUALITY in Parts Per Million:
			Iron (Fe) Chlorides (CI)
	<del>-</del> -		Hardness Other  12 WELL HEAD COMPLETION: In Approved Pit
			Pitless Adapter 212" Above Grade
			13 Well Grouted? Yes No
			Neat Cement Bentonite D
			Depth: Fromft. toft.  14 Nearest Source of possible contamination
		-	feetDirectionType
			Well disinfected upon completion Yes No
			15 PUMP: Not installed
			Manufacturer's Name Deming Trubine  Model Number 4700 HP 5 Volts 440
			Length of Drop Pipe40_ft. capacity_75G.P.M.
			Type: Submersible
			☐ Jet ☐ Reciprocating  Turbine
USE A 2ND SHEET IF NEEDED			
16 Remarks, elevation, source of data, etc.		This wel	WELL CONTRACTOR'S CERTIFICATION: I was drilled under my jurisdiction and this report is true
Well Permit # 239	· 7		st of my knowledge and belief. M. Brewer & Son Inc. 106
Well term ADDED HIFE BY DRILLER	. ITEM NO.	REGIS	M. Brewer & Son Inc. 106 STERED BUSINESS NAME REGISTRATION NO.
YE GETUENADO*	· · · · · · · · · · · · · · · · · · ·	Address	Parma, Michigan 49269
ADDITION BY		Signed	Gellen Sto bow Date 5/30/73
D67d 100M (Rev. 12-68) DEPTH TO ROCK		3.3	AUTHORIZED REPRESENTATIVE

COLOGICAL SURVEY SAMPLE No.	- -			<u> </u>
	WATER			
1 LOCATION OF WELLS	ACT 29	4 PA 196	PUBLIC HEALTH	
TACKSON PARMA		Fraction AllALN	W.SW 29 2 M/S. 3	lumber <b>Z</b> /W.
Distance And Direction from Road Intersections about 2 Lenth mile hash of	2 10 0	1	3 OWNER OF WELLY	<u></u>
about 2 tenth milelies of 3	middle Ma	,	Address 2	
Street address & City of Well Location	1		134 Val	•
	etch Map:	···	4 WELL DEPTH: (completed) Date of Completion	<del>-</del>
				973
[			Cable tool   Rotary   Driven	Dug 
*   <del>-</del> - <del> </del> <del> </del> <del> </del> <del> </del> <del> </del> <del> </del>     <del>   -     -</del>			6 USE: Decimestic Public Supply Industr	ν
			☐ Irrigation ☐ Air Conditioning ☐ Comme ☐ Test Well ☐	rcial
			7 CASING: Threaded Welded Height: Above/Belov	
1 MILE	THICKNESS	DEPTH TO	Surface	
2 FORMATION	OF STRATUM	BOTTOM OF STRATUM	in. to GOft. Depth Weight 1 lbs./ in. toft. Depth Drive Shoe? Yes	_
1)		,	8 SCREEN:	
Clay brown		4	Type: Dia.:	
clay brown and	46	50)	Stot/Gauzeft. andft.	
γ γ	_	55	Fittings: NONE	
soft gray Line Rock			9 STATIC WATER LEVEL	
Har gry Sine Rock	23	78	ft. below land surface  10 PUMPING LEVEL below land surface	<del></del>
me lunkaleran en & sant	no 22	100	_56_ ft. after 2hrs. pumping _30_ g.p.	.m.
7 3				
			ft. after hrs. pumping g.p.  11 WATER QUALITY in Parts Per Million: UNKNOWN	.m.
			Iron (Fe) Chlorides (CI)	
			HardnessOther	
			12 WELL HEAD COMPLETION: In Approved Pit	
			Pitless Adapter 12" Above Grade	
			13 Well Grouted? Yes Wo Neat Cement Bentonite	
			Depth: Fromft. toft.	
		<u> </u>	14 Nearest Source of possible contamination  feet 17 Official Septimental Sept	=4 thne
			Well disinfected upon completion Yes No	<u> </u>
·			15 PUMP: AND installed	
			Manufacturer's Name HPVolts	<del></del>
			Length of Drop Pipeft. capacityG.P.M.	
			Type: Submersible	
	<del>-    </del>		Jet Reciprocating	
USE A 2ND SHEET IF NEEDED		17 WATER "	NELL CONTRACTOR'S CERTIFICATION	
16 Remarks, elevation, source of data, etc.  ADDED INFO. BY ORILLER, ILLER NA		This well	WELL CONTRACTOR'S CERTIFICATION:  I was drilled under my jurisdiction and this report is true	
N 2		to the be	ist of my knowledge and belief.	04_
CORRECTED BY		ĀĒGĪS	TEREOPHISINGS NAME REGISTRATION NO.	•
THE PROPERTY OF THE PROPERTY O		Address	Man Man	
DA7d 100M (Rev. 12-68)		Signed	MHEONARD Date /- 13-	70

	WATER WE	LL RECO	MICHIGAN DEPARTMENT	
1 LOCATION OF WELL	ACT 294	PA_1965		OF PUBLIC HEALTH
County Twp.	1 🚜 .	Fraction SW <sub>14</sub> Sh	Section No.	Town Range
Distance And Direction from Road Intersections	WER NO		3 DWHER OF WELD	
THE WILL MAN OF THE STATE OF TH	7 <del>52</del>		Address (173	of med one.
Street address & City of Well Location			011	
2 / FORMATION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM	4 WELL DEPTH: (co	ft. 3 - /8 - > 0
Clay	10	10	5 D Cable tool Hollow rod	Rotary Driven Dug
Fland	25	35		☐ Air Conditioning ☐ Commercial
Sand Gravel	130	48)	7 CASING: Threade	d Height: Above/Betow
Sand or Chupsoffocke	422	70	# in. to 2	Weightlbs/ft.
and sund yould	25	95	8 SCREEN:	_ft. Depth   Drive Shoe? Yes No
Sand rock	20	115		Dia.;
				Lengthft.
			Fittings:	
			9 STATIC WATER L	EVEL ow land surface
			10 PUMPING LEVEL	below land surface r_2hrs. pumping37a.p.m.
		,	ł	rhrs. pumpingg.p.m.
			11 WATER QUALITY	
			Iron (Fe) Hardness	Chlorides (CI)
			12 WELL HEAD COM	PLETION: In Approved Pit
			Pitless .	Adapter 🔲 12'' Above Grade
			13 GROUTING: Well Grouted?	Yes No
			Material: Neat	
	_		Depth: From	_ftft
			Negrest Source of p	possible contamination/
			į.	Direction Type
			15 PUMP:	on completion Liftyes   No
			Manufactures Nam	selve
			Model Number Length of Drop Pip	HP
			Type: Submers	_
16 p		17	Jet	Reciprocating
16 Remarks, elevation, source of data, etc.		This we	WELL CONTRACTOR'S	jurisdiction and this report is true
		to she be	est of my knowledge and	19 int.
		( seo	REGISTÉRED BUSINESS NAN	REGISTRATION NO.
		Address	12/1	frenchor .
		Signed	m. Lon	an 1 Boto 3-20-7
D67D 100M 6-66	,.	]	AUTHORIZED REPRESENTA	TIVE

GEOLOGICAL SURVEY SAMPLE No.

GEOLOGICAL SURVEY NO	MICHIGA WATE		.ND PUI CT-368, P.A. 1	MP RECOR	ID _	PERMIT NUI	MBER
LOCATION OF WELL	Towysh by Name		Fraction		on Number	Town Number R	ange Number
taice And Direction From Ro	w delinger for bouth side	4 99 an	nel	3 OWNER OF WELL	Marol	d Harves	12 0
about midd	a couth side	A Alman	lan	Aggress	16/4/	Comdon	Sol
unlow has	N VORLETO - SUSSEE	of come		A.	Plean 1	ni 4922	4
eet Address & City of Well Lo		Sketch Map: (		Address Same As		? Yes Date of Completion	No.
N Section Service	Ün	in in its	\$	49	ft	3-16-	84
		00 1	}	5 Zaple tool	Rotary	Driven	Dug
	Condon	Rd S	' <u> </u>	Hollow of Domestic	Auger	Jetted	- U Dublic
	X	Jan 1		Irrigation	☐ Type I P ☐ Type IIa	=	pe III Public at pump
	· · · · · · · · · · · · · · · · · · ·		`	Test Well			
S MILE	-			7 CASING: Steel Diameter Plast		1 20	
FORMATION	DESCRIPTION		DEPTH TO BOTTOM OF	_ <b>7</b> _ in. to _32	ft. depth		_ n. . lbs./ft.
1.	1	STATUM	STRATUM	Growted Drill Hole	Drameter	Drive Shoe	Yes
not 18St u	oken relen	Keld	water		ft. depth ft. depth		□ No
with no n	oticable to	oos!		S SCREEN NO.	ne_o	Not Insta	lied
oss of water a	wite notice	Ale The	m	Sior Gauze		•	
8 20 00 //	1			_		ead Packer Bre	mer Check
e was fa				Slank above so 9 STAT C WATER LEV		Other	
· /					fr. below land s		Flow
1-12 Clay -	red 1	12	12	10 PUMPING LEVEL  25 ft. afte	<b>}</b>	race umping at <u>20</u> G	P.M
2-14 Clast	gravel-hard	Red 2	14		hrs. p	umping atG	
1-18 Clay & sa	nd softer	4	18	II WELL HEAD COMPLETION	Basement	offser Approve	d pit
-34 Clay+sto	nes - red	16	34	12 WELL-GROUTED?		Yes From	
1-49 - Gock -	Hard!			i Mear cement  No of pags of cem	Benton 1ent <b>55</b> A	te Other dditives	
Charile?	and rock)	15	49	13 Nearest source of	possible contain	nination 70	
10	- or rockering			Tyde	Distanc	e Yes N	··· <u></u>
2 halla dil	11.0 to 20- 10	0.10.0	9	1.1 DU: \12: \	i installed	Pump Install	
A JIDUS WILL	ua was it	WILLIA A	taux.	Manufacturer's nar		_ HP Volts	<del></del>
stones bill	I welk sente	nete as	out			ft capacity	
50 H east of	penished we	el		TYPE SU PRESSURE TANK	pmersible	Jet	
	/			Manufacturer's nar			Gallo
use a złob sh Remarks, elevariog, sourc			16 WATER	Model number WELL CONTRACTO		Capacity ATION:	Gailo
flrmet #	8830	,	The well of the bes	was drilled under my t of my knowledge an	urisdiction and a belief	this report is true	يعد . س
Dron - 1 H	ardness - BEO	EIVED .	South	onard We	Wang	13.0	769
(4) (4) (4)	Mich. Dept.	of Public Hos	ti) Address	GISTERED BUSINESS N	Tilch &	THE MESTRATION	Mi 490
. Σ <mark>ig</mark>	Dirage Dirages MANA			14 11	. 17	A	16-84

30-Z

Occupational Health - GWQS --GEOLOGICAL SURVEY COPY

MICHIGAN DEPARTMENT -

1 LOCATION OF WELL		ACT 294	-		<u></u>	PUBLIC HEA	LTH	
County	Township Name		Fraction		Section Number		Range No	
Jackson	Parma	147	14	14 14		2 M/s.	3	EXTW.
Condom Rd. on east  Street address & City of Well Loca	side of rd. Eaton Rapids	Rd.		3 OWNER OF V	Joe Hi 16344	ibbard Comdom Rd. 1. Michigan		•
Locate with "X" in section be				4 WELL DEPTH	l: (completed)	Date of Completion	າ	
	2.35	•		115	ft.	1/8/82		
	N SQ	,		5 Cable to		ry Drive		Dug
W + <b>x</b> -   + <u>s</u> -	CONDON PARTY D			Test	gation Air (	ic Supply Conditioning	Commer	cial
S MILE	643			Diam.	readed ( welded	Surface		_
2 FORMATIC		THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM	in. to	83_ft. Dept		_ lbs./fi	t
				8 SCREEN:		2	165 [3410	<u>.                                    </u>
Sandy gravely clay		40	40	Type:	<u> </u>	_ Dia.:		
Gray sandy clay		20	60	i .		_ Length		
Sand and gravel		10	70	Set between Fittings:	ft. and	ft.		
۵				9 STATIC WAT	ER LEVEL			
G ay shale		12	82		ft, below land su EVEL below land			
Lime rock		2	84	1 1.2		oumping17	g.p.r	n.
Gray muddy sandroc	k	6	90			oumping	g.p.r	n.
Gray shale		6	96		ALITY in Parts Per	Million:		
Gray sandrock	b.	19	115	Hardness _	Other			
						In Approved Pi	t	
						12" Above Gra	ade	
				13 Well Groute	ement Benton			
		<del> </del>	<del></del>	1				
				Depth: Fro	m . ft. arce of possible c			
		<del></del>		<del> </del>	Directi			Туре
					cted upon comple		0	_ ``
				15 PUMP:		lot installed		
<u> </u>		ļ <del></del> .		Manufactur	er's Name	Reda		
				Model Num Length of D	<i></i>	HP 1/2 Volts		
				Type:	Submersible Jet	Reciprocating		
				] "	- ·			
USE A 2ND SHEET IF		<u> </u>			•			
16 Remarks, elevation, source	1		This wel	l was drilled un	CTOR'S CERTIFI der my jurisdiction edge and belief.	CATION: n and this report i	s true	
Well Pormit #8097	ADDED INFO BY DRILL	LER: ITEM NO.		TERED BUSINES	Son Inc.		106	
	**ADDITION EY	, l	TREGE	FIERED BUSINES	NAME -	REGISTRA	אסדית אס.	
	ELEVATION		Address	Parma,	<del>lichigan</del>	49269		·
	DEPTH TO ROCK		÷ 0:		VIR-		.=	
D67d 100M (Rev. 12-68)			Signed	MUTHORIZED REP	RESENTATIVE	1/2	9/82	

GEOLOGICAL SURVEY SAMPLE No.			-		
			الليا		
NOV 3 0 1981	WATER \				GAN DEPARTMENT OF
1 LOCATION OF WELL County Townskip Name		Fraction	·		JBLIC HEALTH  Number Range Number
County Township Name		NEN	IESE "	31 2	M/S. 3 M/w.
Distance And Direction from Road Intersections	Z W	11277	3 OWNER OF WEL	Y /	() () D
NE corner of intersely	con of	1 /	Address (15)	ernard	pergy
Enter Jupid No to Com	relont	LOOU!	124090	gialha Ra	
Street address'& Xity of Well Location  Locate with 'X' in section below Ske	etch Map:		4 WELL DEPTH: (	completed) Date of	Completion
	n -2/		150		22-81
1	8001		5 Cable tool	Antary	Driven Dug
" Permi			Hollow rod		Bored
			6 USE: Domesi	=	
			∐ Irrigati ∏Test We	=	ioning L Commercial
					Height: Above/Solon
1 MILE	THICKNESS	DERTH TO	1.7		Surfaceft,
2 FORMATION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM	7-in. to in. to	. ,	Weightlbs./ft. Drive Shoe? Yes
011	31131014	2.117.1019	8 SCREEN:	ii. Deptii	570 0.100: 163
Clay Sondy	10	13	Туре:	Dia.:	
	42	1	Slot/Gauze	Leng	th
and the	1		Set between Fittings:	ft. and	ft.
Clay gravelle	15	70			
hall	- 11	01	9 STATIC WATER I	below land surface	
3 0 0 2 10	The late	0 >1		EL below land surface	3
Janemoch Cahacin	14	7/	ft.	after hrs. pumpin	g g.p.m.
Deln woch	3.7	رح	ft.	after hrs. pumpin	g g.p.m.
			11 WATER QUALIT	TY in Parts Per Millio	n:
1			Iron (Fe)	Chlorides (	CI)
			Hardness	Other	·
		T.	12 WELL HEAD CO		Approved Pit
					' Above Grade
			13 Well Grouted?	Yes Ho ent Bentonite [	<u>.</u> .
	<del></del>		Depth: From_		ft.
			14 Nearest Source	of possible contami	nation /
			reek _	Direction	Type No
			15 PUMP:	Nes-ins	
			Manufacturer's		
			Model Number		P 2 Volts 2 50
			Length of Drop	· <del></del> ,	cityG.P.M.
			Type: ∭oSúb ∏ Jet		iprocating
1					
16 Remarks, elevation, source of data, etc.	<u> </u>	17 WATER V	VELL CONTRACT	OR'S CERTIFICATION	ON:
and the second s		This well	was drilled under	my jurisdiction and	this report is true
ADDED INFO. BY DRILLER, IXE	EM MO	120	noverz	NUXTU	Ken. 0404
	The state of the s	REGIS	TERED BUSINESS NA	ME OI D -	REGISTRATION NO.
CORRECTED BY		Address	10	- region	<u> </u>
া প্ৰাৰ্থ কৰিব কৰিব কৰিব কৰিব কৰিব কৰিব কৰিব কৰিব	<u>.</u>	Signed	n. 720	nort .	Date 8-24-81
100M /Pov 12 69)			AUTHORIZED REPRE	SENTATIVE	

GEOLOGICAL SURVEY

□ ACT -61 PA 1939 □ ACT 315 PA 1969 NOV 2 1987 STATE OF MICHIGAN
DEPARTMENT OF NATURAL RESOURCES
LANSING, MICHIGAN LANSING, MICHIGAN - 48909

Permits & BORGING MATER WELL WATER WELL

I LOCATION DATA	UBMIT THE THE CLUENT	AL WITHIR	N 30 DAYS	YS AFTER WELL COMPLETION
NAME(S) & ADDRESS OF OWN	ER(S) SHOWN ON PERM	11T	NAME 8	a ADDRESS OF DRILLING CONTRACTOR(S) Well Drilling Company
P.P.G.				S. Jefferson Street
l Jackson Sq/Suite	600	<b>.</b>		n, MI 48854
Jackson, MI	1) 1)		mason,	·
LEASE NAME(S) & WELL NUMI Smith 1-31	BER SHOWN PERMIT			PERMIT NUMBER
	TOWNSHIP		FRACTION	40689 IN SECTION NO. TOWN NO. RANGE NO.
Jackson	Parma		1 .	NE 1/4 NW 1/4 31 T2S N/S R3W E/
		THICKNESS	DEPTH TO	3. WELL DEPTH: (completed) Date of Completion
2. FORMATION DE	SCRIPTION	OF STRATUM	BOTTOM OF	<sup>(F)</sup> 100 to 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Sandy Clay, Gravel &	Stones	4	4	4. Cable tool x Rotary Driven Dug Hollow rod Auger Jetted
				5. CASING: X Steel X Threaded Height: Above/Between DIK Plastic Welded   Surface 17" x
Sand, Gravel & Stone	S	49	53	
Craval & Stand - /W:	1 . C 1 - 4	,		4 in to 84 ft. depth Weight 11 lbs /ft
Gravel & Stones w/Mi	xed Sandstone	7.	60	Grouted Drill Hole Diameter  0.4 in 62 7 ft. depth  Drive Shoe
Shale w/Lime Strips	•	11	71	1 1 4
bridge w/ Eline Stilps		11	/1	6. SCREEN: It. depth No Not Installed
Hard Sandstone	•	4	75	
		<del> </del>		Type Diameter Slot/Gauze Length
Green Shale & Lime		4	79	Set between ft. and ft.
	n			FITTINGS: K-Packer Lead Packer Bremer Check
Gray Shale w/Sandsto	ne Strips	8	87	Blank above screenfl Other
		1		7. STATIC WATER LEVEL.
Sandstone w/Crevises		111	198	39 ft below land surface Flow
			1	8. PUMPING LEVEL. below land surface
			<del>                                     </del>	hrs. pumping at G.P.M. W/a
				ft_afterhis_pumping at G.P.M.
	i	<del> </del>	<u> </u>	9. WELL GROUTED? No K Yes From to
				· · · · · · · · · · · · · · · · · · ·
	<del> </del>	<del> </del>		Neat cëment 🗶 Bentonite 🗌 Other
		<u> </u>		No of bags of cement Additives
	ii	Ì		10. PUMP Not Installed Pump Installation Only
			ļ	Manufacturer's name Temporary
				Model number HP Volts
<b> </b>		<del> </del>	<del> </del>	Length of Drop Pipe ft. capacity G.F
		} '	}	TYPE: Submersible Jet
<del></del>			<del> </del>	II REMARKS (ELEVATION, SOURCE OF DATA, WATER QUALITY, ETC.
		ļ	<del> </del>	
(				
			-	
	4 Aug Ougge 15 000000	J		
	A 2ND SHEET IF NEEDED!		WAS	
12.AUTHORIZED REPRESENTATIVE CERTIFICATION, (THIS WELL WAS DRILLED UNDER MY AUTHORITY AND THIS REPORT IS TRUE TO THE			* .	
, BEST OF MY KNOWLEDGE	AND BELIEF.)			
NAME David W. Hart				
P	RINT OR TYPE			
ADDRESS 111 Tuttle	Rd. Mason, MI 46	8854		
SIGNED De Jan 1	177 7/20	_ DATE <u>//-</u>	-11-87	(lice a gap cuert on arrangements is agreed
SIGNED OUT	Tri Kara			USE A 2ND SHEET OR ATTACH SUPPLEMENTS IF NEEDED
DIST : ORIGINAL - PERMIT FILE	[CORY-GROUNDWAT	ERJ (COPY	C-DISTRICT	T FILE PR-7200-10(10/

JAN 1 3 1978	WATER V	WELL REC	
1 LOCATION OF WELL			PUBLIC HEALTH
Lockson Township Name	rel	NE 145	WIF Section Number Town Number Range Number 2 NS. 3 NW.
Distance And Direction from Road intersections	Vac A	work	3 OWNER OF WELL:
mort sin of m.	à 10/1	1	Address ///liliford //flusome
Street address a Six ( Well a series )	en a.	,	16425 Emleknoul
Street address & City of Well Location  Locate with "X" in section below Ske	tch Map:		4 WELL DEPTH: (completed) Date of Completion
			110 110-21-79
			5 Cable tool Rotary Driven Dug
			Hollow rod Jetted Bored
╏ <u>┈</u> ┝╶╴┤╴╴┼╶╶╎╴╴┤ <sup>┋</sup> ╅	•		6 USE: Domestic Public Supply Industry
			7 CASING: Threaded Welded Height: Above/Boton
I MILE			Diam. Surfaceft.
	THICKNESS	DEPTH TO	Lin. to 64 ft. Depth Weight 11 lbs./ft.
2 FORMATION	OF STRATUM	STRATUM	in. toft. Depth Drive Shoe? Yes
n // .	21	21	8 SCREEN:
Clay	1/-	<u> </u>	Type: Dia.:
L. Al	29	50/	Slot/Gauze Length
- Blood	10/	700	Set betweenft. andft.
Charl dishalo	14	64	Fittings:
	1 1		9 STATIC WATER LEVEL
			4 ft. below land surface
			10 PUMPING LEVEL below land surface
			5) ft. after / hrs. pumping 30 g.p.m.
			ft. after hrs. pumping g.p.m.
		<del></del>	11 WATER QUALITY in Parts Per Million:
			Iron (Fe) Chlorides (C1)
			·
			Hardness Other
			12 WELL HEAD COMPLETION: In Approved Pit
		<del> </del>	Pitless Adapter 12" Above Grade  13 Well Grouted? Yes 7 No
			Well Grouted?   Yes   No   Neat Cement   Bentonite
	-		Depth: Fromft. toft.
			14 Nearest Source of possible contamination
			60 feet NO Direction Suple Type
			Well disinfected upon completion No
			15 PUMP: The installed of liver &
0 OF CRILLER, ITEM NO.			Manufacturer's Name 19 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
THE CONTROL BY			Model Number / OF HP Volts A V
SI STATION			Type: G.P.M.  Type: G.P.M.
ELEVATION DEPTH_TO_ROCK	<u> </u>	<u></u>	• Jet Reciprocating
AND		Til.	
USE A 2ND SHEET IF NEEDED		,	
16 Remarks, elevation, source of data, etc.		17 WATER	WELL CONTRACTOR'S CERTIFICATION: I was drilled under pyrjurisdiply and this people is true
		10 be	est of my knowledge and leither 1 - King 0404
110 5-069	Ĺ	REGI	STEREDIBUSINESS NAME // REGISTRATION NO.
1/0 300		Address	Merensber
		Address	3/0 //- // 11.0
<u> </u>		Signed	Teoret Date 11-19-52
D67d 100M (Rev. 12-68)			AUTHORIZED REPRESENTATIVE

GEOLOGICAL SURVEY SAMPLE No.

MICHIGAI	N DEPART	MENT OF	F PUBLIC HEALTH
WATER	WELL A	AND PL	JMP RECORD PERMIT NUMBER
1 LOCATION OF WELL			
County Township Name		Fraction	Section Number Town Number Range-Number
INKSOM SUMMIT		1/4	1/4 1/4 3/ S N/S E/W
Distance And Direction From Road Intersection		11	3 OWNER OF WELL: M. R Builder
MAPLE WAL NORTH OF SE	AES ON	the	
EAST Side of the Rd			Address FO Box 486 49361
			Address Same As Well Location? Yes No
Street Address & City of Well Location  Locate with "X" in Section Below	Sketch Map:		4 WELL DEPTH: Date Completed   Mo.   Day   YEAR   New Well
			160 FT. 11 23 8 G Replacement Well
			5 Cable tool Rotary Driven Dug
			Hollow rod Auger Jetted
<b>┃ッ</b> ├╶┤╌╌┼╌╶┦┈┈┤ <sup>┋</sup> ┰	•		6 USE: Domestic Type I Public Type III Public
			☐ Irrigation ☐ Type Ila Public ☐ Heat pump
			Test Well Type IIb Public
			7 CASING. Steel Threaded Height: Above/Below
1 MILE	THICKNESS	DEPTH TO	Plastic Welded Surfaceft.
2 FORMATION DESCRIPTION	OF STRATUM	BOTTOM OF	in. toft. depthlbs./ft.
Ĝ I	3111210111	/	Groged Drill Hole Diameter in. toft. depth  Drive Shoe Yes
MAU	14/5	45	in. toft. depth
		·	8 SCREEN: Not Installed
SANDSTONE	115	160	Type Diameter
- -		-	Slot/Gauze Length
			Set betweenft. andft.
			FITTINGS: K-Packer Lead Packer Bremer Check
			Blank above screenft. Other  9 STATIC WATER LEVEL:
1	-		50 ft. below land surface Flow
			10 PUMPING LEVEL: below land surface
			160 ft. after 1 hrs. pumping at 30 G.P.M.
			ft. after hrs. pumping at G.P.M.
			11 WELL HEAD Pitless adapter 12° above grade
			Basement offset Approved pit
			12 WELL GROUTED? No Yes From to 1. ft.
	+		☐ Neat cement ☐ Bentonite ☐ Other
			No. of bags of cement Additives
	<b> </b>		13 Nearest source of possible contamination
			Type Seffic Distance 50 ft. Direction
			Well disinfected upon completion? Yes 🔲 No
		_	Was old well plugged? Yes No
			14 PUMP: Not Installed Pump Installation Only
·		<u> </u>	Manufacturer's name FAIRBAYKS MISSE
			Model number HP 3/9 Volts 220
·			Length of Drop Pipe ft. capacity G.P.M.
			TYPE: Submersible
			Manufacturer's name A-0 Simith
USE A 2ND SHEET IF NEEDED			Model number 1/300 Capacity 20 Gallons
15 D	-11	16. WATER	WELL CONTRACTOR'S CERTIFICATION:
WELL GLOUTED FROM 078 IST	OI PUBLIC H	This well	ll was drilled under my jurisdiction and this report is true est of my knowledge and belief.
BENSEAL	Ublin L	, , <del>, , , , , , , , , , , , , , , , , </del>	Twell deilluc INC 23-1077

2 Obok lotte Much

Authorized Representative

17. Rig Operator's Name.

D67d 12/85

BUREAU OF E.

GEOLOGICAL SURVEY SAMPLE No.		<u> </u>		
FEB 1 2-1979		WATER		
1 LOCATION OF WELL		ACT 29	4 PA 196	OF PUBLIC HEALTH
Jackson.	wnship Name Parma		Fraction 1/4	Section Number Town Number Range Number  31 2 \$\mathbb{A}/\S. \mathbb{S} \mathbb{E}/\W.
M-99 and Michigan Ave Street address & City of Well Location Locate with "X" in section below	Michig In Ablic	mer of gan Ave on, Mich	igan	3 OWNER OF WELL:  Mid State Theaters  Address PO. Box 388  DURAND MICHIGAN  4 WELL DEPTH: (completed) Date of Completion
	×	The Th	ERTE O	ft. //-7-78  Cable tool Rotary Driven Dug Hollow rod Jetted Bored  GUSE: Domestic Public Supply Industry Irrigation Air Conditioning Commercial Test Well  7 CASING: Threaded Welded Height: Above/berow
2 FORMATION	1 CHICAN	THICKNESS OF	DEPTH TO BOTTOM OF	Diam. Surface 1 ft. 4 in. to 76 ft. Depth Weight 11 lbs./ft.
Gravely clay and stor	10	STRATUM	STRATUM	in, toft, Depth   Drive Shoe? Yes No 8 SCREEN:
Sand and gravel	:	55	65	Type: Dia.:
Gravely caly		8	73	Set betweenft. andft. Fittings:
Gray sandy shale		12	85	9 STATIC WATER LEVEL 42 ft. below land surface
Gray sandrock		29	114	10 PUMPING LEVEL below land surface  43 ft. after 16 hrs. pumping 16 g.p.m.
ADDED INFO BY DRILLER, ITEM NO CORRECTED BY  • ADDITION BY  ELEVATION  DEPTH TO RUCK  USE A 2NO SHEET IF NE	ø.			ft. afterhrs. pumping
16 Remarks, elevation, source of Well Permit #6279			This well	WELL CONTRACTOR'S CERTIFICATION: I was drilled under my jurisdiction and this report is true est of my knowledge and belief.  Prevent Son Inc.  REGISTRATION NO.

100M (Rev. 12-68)

Breen 49269
Breen 10 10 178

	_		
JAN 29 1982	WATER	WELL REC	ORD MICHIGAN DEPARTMENT
1 LOCATION OF WELL	AC1 29	14 PA 196	5 OF PUBLIC HEALTH
County Township Name		Fraction	Section Number Town Number Range Number
Jackson Parma		1/4	½ ½ 31 2 <b>%</b> /s. 3 <b>x</b> /w.
Distance And Direction from Road Intersections 1/10th	. :	th	3 OWNER OF WELL: Contec Inc.
of Michigan Ave on East side of re			Address 1440C Cornell
Finley Ro		lio anti	Concord, Michigan 49237
Street address & City of Well Location Albion :  Locate with "X" in section below Sketch		1 49224	4 WELL DEPTH: (completed) Date of Completion
			96 ft. 4/28/81
WICHICAN AUE			5 🔀 Cable tool 📗 Rotary 📗 Driven 📗 Dug
1X			Hollow rod Jetted Bored
W			6 USE: Domestic Public Supply Industry
MICH			☐ Irrigation ☐ Air Conditioning ☐ Commercial
) x			Test Well
1 MILE			7 CASING: Threaded <b>2</b> Welded Height: Above/Betow
1 MILE	THICKNESS	DEPTH TO	Surface 1 ft.   Surface 11 ft.
2 FORMATION	OF STRATUM	BOTTOM OF	in. tott. Depth   Drive Shoe? Yes X No
			8 SCREEN:
Sandy clay	21	21.	Type: Dia.:
			Slot/Gauze Length
Sandy & gravel	39	60	Set betweenft. andft.
Gray sandrock	5	65	Fittings:
dray sandrock		0)	9 STATIC WATER LEVEL
Brown sandrock	20	85	ft. below land surface
			10 PUMPING LEVEL below land surface
Gray sandrock	11	96	34 ft. after 1½hrs. pumping 20 g.p.m.
"			
			ft. after hrs. pumping g.p.m.
,			11 WATER QUALITY in Parts Per Million:    Iron (Fe) Chlorides (C1)
			ron (Fe) Chlorides (CI)
			HardnessOther
	<del></del>		12 WELL HEAD COMPLETION: In Approved Pit
			Pitless Adapter 12" Above Grade
·		·	13 Well Grouted? Yes X No
			Neat Cement Bentonite
		}	Depth: Fromft. toft.  14 Nearest Source of possible contamination
		<u> </u>	
		ļ	65_feet _So Direction Sentic Type Well disinfected upon completion & Yes _ No
			15 PUMP: Not installed
			Manufacturer's Name Webtrol
			Model Number 10SB101 HP 1 Volts 230
ADDED INFO		JEM NO.	Length of Drop Pipe 18 ft. capacity 10 G.P.M.
CORRECTED			Type: 🗷 Submersible
ADDITION E	Υ	:	Jet Reciprocating
PEPTH TO ROO	<b>.</b>		
TO SE A ZNO SHEET IT NEEDEN	·n	17 14/4 750 1	AIST L CONTRA CTORIC OCRTICIOATION
16 Remarks, elegition squree of data lite.			WELL CONTRACTOR'S CERTIFICATION: I was drilled under my jurisdiction and this report is true
11-11 D		to the be	st of my knowledge and belief.
Well Permit 7886. Under name of Stan Grundeman		REGIS	Brower & Son Inc. 106 STERED BUSINESS NAME REGISTRATION NO.
ourset usues or steat artitudensu	•	Address	Parma, Michigan 49269
·		Address	/ 414
		Signe	enner Brewer Date 11/30/81
D67d 100M (Rev. 12-68)			AUTHORIZED REPRESENTATIVE

GEOLOGICAL SURVEY SAMPLE No.	•		
- 1982 1982 -	WATER N	VELL DE2	
-	MATER V		MICHIGAN DEPARTMENT OF PUBLIC HEALTH
1 LOCATION OF WELL County Township Name		Fraction	Section Number   Town Number   Range Number
Jackson Parma			37   7
Distance And Direction from Road Intersections M_99	and E. Mi	chizan	3 OWNER OF WELL:
Ave. Intersection			Albion prive in
			Address E. Michigan 49224
Street address & City of Well Location Same	<del></del>		
I (	ch Map:		4 WELL DEPTH: (completed) Date of Completion
T-94			110 ft. 5/18/81
<b>1</b>			5 K Cable tool
w			6 USE: Domestic Public Supply Industry
			☐ Irrigation ☐ Air Conditioning
E MICHICAD			Test Well
<b>I</b>   S			7 CASING: Threaded Welded Height: Above Berow Diam.
1 MILE	THICKNESS	DEPTH TO	Surface 1 ft. Su
2 FORMATION	OF STRATUM	BOTTOM OF	in. to
			8 SCREEN:
Sandy clay and stone	21	21	Type: Dia.:
	1.0	<b>C</b> 0	Slot/Gauze Length
Sandy gravel clay	47	68	Set betweenft. andft.
Bla <b>ck</b> shale	3	71	Fittings:
32002 3.0023	<del></del>		9 STATIC WATER LEVEL
Gray sandrock	39	110	ft. below land surface
			10 PUMPING LEVEL below land surface
			ft. after2 hrs. pumping17 g.p.m.
4			ft. after hrs. pumping g.p.m.
			11 WATER QUALITY in Parts Per Million:
			Iron (Fe) Chlorides (CI)
			, ,
	-		Hardness Other  12 WELL HEAD COMPLETION: In Approved Pit
1			12 WELL HEAD COMPLETION: In Approved Pit    In Approved Pit   12" Above Grade
	<del> </del>		13 Well Grouted? Yes X No
			Neat Cement Bentonite
			Depth: Fromft. toft.
			14 Nearest Source of possible contamination
			100 feet W Direction Septic Type
	-		Well disinfected upon completion   Yes No  Not installed
			Manufacturer's NameReda
			Model Number 9D9P050 HP ½ Volts 115
1			Length of Drop Pipe <u>50</u> ft. capacity <u>10</u> G.P.M.
			Type: Submersible
			Jet Reciprocating
USE A 2ND SHEET IF NEEDED	31 1		
16 Remarks, elevation, source of data, etc.		17 WATER	WELL CONTRACTOR'S CERTIFICATION:
ADDED INFO. BY DRILLER	ITEM NA		II was drilled under my jurisdiction and this report is true est of my knowledge and belief.
Well Permit #7924			Brever & Son Tre 106 STERED BUSINESS NAME REGISTRATION NO.
CORRECTED BY	A SECTION AND ADDRESS OF THE PARTY OF THE PA		
·	•	Address	Parma, Michigan 49269

\* ADDITION IN

Signed Sunth Brund Date 5/29/87

1 LOCATION OF WELL WINE E 1941	MATER V ACT 29	Fraction	OF PUBLIC HEALTH  Section Number   Town Number   Range Numb
JALKSON Township Name	J.s. tvx	Fraction 1/4	PUBLIC HEALTH  Section Number Town Number Range Number  2 NG 3 6
JACKSON farma	<u> </u>	1 ml	SE, 1950 36 2 NO 3 E
Distance And Direction from Road Intersections	J. PAR		
	J. PAR		arthur Lorsy
	A. PAR		TAGGRESS I J J LA J A A A 1811 L.
Street address & City of Well Location 216 FULTAN GI	Map:	MA	med Conter
Street address & City of Well Location 216 FULTON BLL Locate with "X" in section below Sketch		,,,,, <u>,</u>	4 WELL DEPTH: (completed) Date of Completion
			95 ft. MAY 12 1971 5 Cable tool Rotary Driven D
			Hollow rod Jetted Bored
w         <del>-</del>	,		6 USE: Domestic Public Supply Industry
+ M:			☐ Irrigation ☐ Air Conditioning ☐ Commercial☐ Test Well ☐
5			7 CASING: Threaded Welded Height: Above/Balow Diam.
2 FORMATION	THICKNESS OF	DEPTH TO	Surface 2/2 ft.  4 in. to 34 ft. Depth   Weight 1/1 2 lbs./ft.
2 FORMATION	STRATUM	STRATUM	in, toft. Depth   Drive Shoe? Yes No   8 SCREEN:
Clay brown some sandrawd	13	13)	Type: Dia.:
soft Fine Rock brown	S.	21	Slot/Gauze Length
sof some Rest own	σ		Set betweenft. andft.
medium and Sime Rock Gray	22	43	9 STATIC WATER LEVEL E / O
medeum land & soft Grandom Rock	27	70	PO ft. below land surface
D Parison			10 PUMPING LEVEL below land surface $eleoggle - gleoggle - gleoggl$
medium dent gray strate			
mixedwith some sandrock)	25	95	ft. after hrs. pumping g.p.m.  11 WATER QUALITY in Parts Per Million: UNKNOWN
			Iron (Fe) Chlorides (CI)
			. HardnessOther
		<del>-</del>	HardnessOther
		· ·	Pitless Adapter 12" Above Grade  13 Well Grouted? Yes No
			Well Grouted?   Yes   No   Neat Cement   Bentonite
		<del></del>	Deoth: From 4 ft. to 34 ft.  14 Nearest Source of possible contamination to True Tally
		·	feet Direction
			Well disinfected upon completion Yes No  15 PUMP:   Not installed O
1 Clu (0-13)	e"		Manufacturer's Name Ochler Turns
B. P 13 (979	uel)		Model Number 35749 HP Volts 220
000'	101		Length of Drop Pipe ft. capacity G.P.M.  Type: Decimersible
P/00- 910	/ )	<u> 7000 - </u>	Jet Reciprocating
USE A 2ND SHEET IF NEEDED			
16 Remarks, elevation, source of data, etc. ADDED WARD, BY CHIELD, 1724 NO.			WELL CONTRACTOR'S CERTIFICATION:
			est of my knowledge and belief.
\$00000000 gy			STERED BYSINESS NAME REGISTRATION NO.
*#K5,0176N-BY		Address	
D67d 100M (Rev. 12-68)		Signed _	AUTHORIZOD REPORSENTATIVE  AUTHORIZOD REPORSENTATIVE

SEOLOGICAL SURVEY SAMPLE No.	$\Box$		:	-
To the state of th	101	<i></i>	1 3	1960

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1		ŧ					i	l I			1	1		ı
-		ᆫ	 ـــا		_	 			-		Ь.			┙

· -	N <del>UV 1 3 1960</del>	WATER V	 <b>VELL REC</b> 4 - PA 196		۸ لیما لیمانیا ل	MICHIGAN DEPA	
1 LOCATION OF WELL						PUBLIC HEA	
County	Township Name	mu	SNES	WINE	Section Number	Town Number 2 M/S.	Range Number
Distance And Direction from R	all of June	ey no	1	3 OWNER OF W	Stone 84 Hine	mar	gon
Street address & City of Well   Locate with "X" in section	····	ch Map:				Date of Completio	1180
W	Sket			5 Cable to Hollow r 6 USE: Dorn Irrig Test 7 CASING: Th Diam.	ol GRota od Jette nestic Publ nation Air ( Well Welder	ed Borel ic Supply Conditioning   Height: Ab	Industry Commercial ove/Balow ft.
2 FORMA	TION	OF STRATUM	DEPTH TO BOTTOM OF STRATUM	in. to	ft. Dept	•	
Brown	el a clay	10	10	8 SCREEN:		_ Dia.:	
Mrs	uel.	53	63)		ft. and	_ <del>-</del>	
- Branes	a shale	19	72	9 STATIC WATE	ER LEVEL		· · ·
Sand	rock.	48	120	10 PUMPING L	ft, below land su	surface	<u> </u>
				11 WATER QUA	ft. after hrs.   ft. after hrs.   kLITY in Parts Per	pumping	g.p.m.
				Hardness _	Other		it
				13 Well Groute	tless Adapter od? Yes No ement Benton	12" Above Gr	
				Depth: Fro	mft.  property file of possible of possible of possible of possible of the file of th	toft. ontamination on	
<u></u>				1	er's Name		s
				Length of D	rop Pipeft Submersible	-	
₹*400; £LEVATE	rce of data, etc.  INSO BY DRILLER, ITEM AU CTED BY TION BY	· 0	This well	I was drilled un est of my knowle STERED BUSINESS	CTOR'S CERTIFIED OF THE PROPERTY OF THE PROPER	and this report	is true  404  ATION NO.
DEPTH 7	0.1000	gF	h	<del></del>	7.7	- 17	

d 100M (Rev. 12-68)

CT	294	PA	1.965

M

1 LOCATION OF WELL	· · · · ·	7,0,1			•	PUBLIC	1EALTH
SACKSON	Two. Parma		Fraction NE 14 NW			Town Z //s.	Range
Distance And Direction, from Ro	Timber and	OWNER No	mth	3 OWNER		den m	artin
Street address & City of Well L		SM M	Ard		15 =1	'all	uon
2 FORMA	TION	THICHESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM	4 WELL 0	EPTH: (comple	red) Date of Co	npletion
	<del></del>			5 Cal			iven Dug
Sand	)	10	10		Irrigation 🔲	Public Supply Air Conditioning	
5 and c	lay	10	45		Test Well Threaded	Welded Heigh	: Above/Below
Gravel	Ly Clay	15	55	#_in.	10 67 ft.	Depth surfac	eft. eft.
Line I	Travel	5	60	8 SCREEN	to <u> </u>	Depth Drive	Shoe?Yes No
Timo	wick	7.2	92	1		Dia.:	
	1706	18	110			Length andft.	
	1000	70	110	Fittings		ana	
					WATER LEVE		
			P.	10 PUMPIN	G LEVEL below		5 )
			11/200			_hrs. pumping	
				1		arts Per Million:	
	<u> </u>			Iron (Fe Hardnes	TIM	Chlorides (CI)	1
				L		TION: In Appro	1
			,	13 скоит			
				Material	: Neat Cem	ent	
	я.			14 SANITA	Fromft. t RY:	oft.	
				Negrest		ble contamination Direction	Trype
	·			Well dis		ompletion Yes	''
<u> </u>	<u>.</u>				turer's Name		
				Model N Length		HP ft. capacity	1
	٦				Submersible	Reciproce	
16 Remarks, elevation, source	of data, etc.	1	ŀ		TRACTOR'S CE	RTIFICATION:	
ADDED INFO. BY DRILLER.	UEW NO.		the be		wledge and beli	diction and this rep	L04
. CORRECTED 6Y.			Address	EGISTERED B	USINESS NAME	t Male	GISTRATION NO.
**************************************		-	Signed	W THORIZED	REPRESENTATIVE	Date	

100M (Rev. 12-68)

	VVAIEN	AAETT 1	AND PC	JIVIP REC	UNU	PERMIT N	UMBER
1 LOCATION OF WELL County	Township Name		Fraction		Section Number	Town Number	I Bassa N hav
Jackson	Parma			NE 1/4 N.V 1/4	31	T2S N/S	Range Number
Distance And Direction From Road In	L	<del>.</del>	J 74 .		WELL: P.P.		Ε/ V
West side of M-99				]		ckson Sq/Su:	ite 600
3/10ths Mile South	of T-94			Address		son, MI	
-, - · · · · · · · · · · · · · · · · · ·							_
Street Address & City of Well Location Locate with "X" in Section Below		retch Map:				Date of Complet	
Locate With X in Section Below	قر ا	94		198	d: (completed) ft.		
				5 Cable too			Dug
		\$ 1	<u> </u>	Hollow ro	_	<u>==</u>	
W		X SX	<u>~</u>	6 USE: Dome	estic Type	1 Public	Type III Public
, , , , , , , , , , , , , , , , , , ,			`	☐ Irriga	tion 🔲 Type		Heat pump
				Test			supply for oi
1 MILE		•		7 CASING: 3 Diameter 3	Steel <b>X</b> Threa Plastic <b>\( \)</b> Weld		-
	ļ.	THICKNESS	DEPTH TO	4 in. to	84 ft. depth	Surface $\frac{1}{1}$	
2 FORMATION DESC —	CRIPTION	OF STRATUM	BOTTOM OF STRATUM	in. to	ft. depth	I weight	
	1			O'4 in. to	Hole, Diameter	Drive Shoe	
Sandy Clay, Gravel	& Stones	4	4		ft. depth		□ No
Cond Consol Cons	ıl	/ 0		8 SCREEN:		Not In	stalled
Sand, Gravel & Ston	es	49	53	1		Diameter	1
Gravel & Stones w/m	ixed:Sandstone	7	60			Lengthft and	i
	1					Lead Packer	
Shale w/Lime Strips	·	11	71	Blank abo	ove screen		
				9 STATIC WATE	R LEVEL:		
Hard Sandstone		4	75		ft. below land s		Flow
Green Shale & Lime		4	79				_G.P.M. w/air
Order brate & brace		7	17	1		i. pumping at i. pumping at	· 1
Gray Shale w/Sandst	one Strips	8	87		t. after fils	. pomping at	_ G.F.IVI.
				11 WELL HEAD COMPLETION	Pittess a	adapter 312° a	above grade
Sandstone w/Crevise	3	111	198	12 WELL GROU	Baseme	nt offset Appr	oved pit
	•			12 WELL GROU	□ No	Yes From	to ft.
				☐ Neat cen	nent 🔀 Beni	onite	
		}		No of bags o	f cement	Additives	
		1			ce of possible con		
				Туре	Disti	anceft_Dire	ction
				Well districted	ed upon completio		No
	,			L	Not Installed	Pump Ins	tallation Only
				l .	's name <u>Tempo</u>	HPV	
						HP V ft. capacity	
				. –	Submersible	$\overline{}$	j.
	<del></del>			PRESSURE TA	ANK:		
	_			İ			
USE A 2ND SHEET IF 15. Remarks, elevation, source of	NEEDED	<del>  _  </del>	16 MATE	Model numbe		Capacity	Gallons
10. nemarks, elevation, source of	uatamete. Sell. of n	Willie Hast	This well	ll was drilled unde	r my jurisdiction a	nd this report is true	
	DEC 281	007		est of my knowled	-		
Lease: Smith 1-31				t Well Dr		mpany 169	
	Stream of Environm	Dont	Address			St. Mason.	
	Coupational Healt	umital and		X /mil	1/71 1	4	1-21-87
			Signed	AUTHORIZ	ED OCODECENTARIN	Date Line	

MICHIGAN DEPARTMENT OF PUBLIC HEALTH

GEOLOGICAL SURVEY NO

STOCKED SOUNCE SOUNCE SOU			
Aug 2 s T	WATER \		
1 LOGATION OF WELL	ACT 29	SE SE S	PUBLIC HEALTH
County Township Name	1	Fraction	Section Number Town Number Range Number
District And Direction from Road Intersections		PE	3 OWAER OF WELL:
If only west of wath ne	U911	oach	Ironeis A. Frery
on north sell of Exil	Noa	Cl .	Bay 10 1 Est Moal
Street address & City of Well Location  Locate with "X" in section below Sketch	h Map:	<u>}</u>	4 WELL DEPTH: (completed) Date of Completion
Jems Jems Jems Jems Jems Jems Jems Jems	1,75	70	10/ ft. 8-14-74
1 / / Domis			5 Cable tool Rotary Driven Dug
w			Hollow rod Jetted Bored  6 USE: Decimentary   Industry
			Irrigation   Air Conditioning   Commercial
			Test Well
1 MILE			7 CASING: Threaded Welded Height: Above/Betow Diam. Surface ft.
2 FORMATION	THICKNESS OF	DEPTH TO BOTTOM OF	in, to I ft. Depth Weight I lbs./ft.
D 2	STRATUM	STRATUM	in. toft. Depth   Drive Shoe? Yes No   8 SCREEN:
/ Lan I Stones	20	20	Type: Dia.:
X	119	11	Slot/Gauze Length
Hand 1	40	40	Set betweenft. andft.
Lyaves	10	(70)	Fittings:
X day of march	7/	111	9 STATIC WATER LEVEL
Jana 178 GN	3/	101	ft. below land surface  10 PUMPING LEVEL below land surface
			58 ft. after hrs. pumping 70 g.p.m.
			6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 -
			ft. after hrs. pumping g.p.m.  11 WATER QUALITY in Parts Per Million:
			Iron (Fe) Chlorides (CI)
		:	HardnessOther
			12 WELL HEAD COMPLETION: In Approved Pit
			Diress Adapter 12" Above Grade
			13 Well Grouted? Yes No Neat Cement Bentonite
, , , , , , , , , , , , , , , , , , ,	<del> </del>		Depth: Fromft. toft.
			14 Nearest Source of possible contamination
1			Well disinfected upon completion 1 You No
			15 PUMP: Not installed
	<u> </u>		Manufacturer's Name
,	1		Model Number HPVolts G.P.M.
			Type: Submersible
P			Jet Reciprocating
USE A 2ND SHEET IF NEEDED			
16 Remarks, elevation, source of data, etc.	·		WELL CONTRACTOR'S CERTIFICATION:
ABOSE AND COMMENTAL MEDITION		the be	I was drilled under my jurischool on and this forbort is true st of my knowledge and bound.
	. 0	A REGI	STERED BUSINESS NAME DEGISTRATION NO.
Standing of the standing of th		Address	Springpost
GERTH TO ROCK		1 1	1 Leonard Date 8-17-74
D67d 100M (Rev. 12-68)		] Signed	AUTHORISED REPRESENTATIVE Date

GEOLOGICAL SURVEY SAMPLE No.	<u> </u>		
	\	WELL 0.5	
The state of the s	WATER V	<b>V ELL KE(</b> 4 PA 196	:5 \ \ OF
1 /LOCATION OF WELL	<del> </del>	- T	PUBLIC HEALTH
		Fraction	EVMVy 31 Z MS. Range Number.
Auckson Ourse Ofstance And Direction from Road Intersections	·	N HOYO	D and Co of the last
V	•		Wallso John
			Address 4/4/19 Spring Drive 00
Street address & City of Well Location	Farma		Jackson Mich
Locate with "X" in section below	etch Map:	N	4 WELL DEPTH: (completed) Date of Completion
		E	9 3 ft. 3 - 5 - 7d
- W	Emalia-	A	5 Cable tool Rotary Driven Dug
w <del>3</del> 4	Michiga	AVE	6 USE: Domestic Public Supply Industry
	THE SECTION	2	☐ Irrigation ☐ Air Conditioning ☐ Commercial
	<b>7</b> 7	172	Test Well
I I I I	282	<u> </u>	7 CASING: Threaded Welded Height: Above/Below
1 MILE	THICKNESS	DEPTH TO	Surfaceft.  ## in. to 25 ft. Depth   Weight! lbs./ft.
2 FORMATION	OF STRATUM	BOTTOM OF STRATUM	in. toft. Depth   Drive Shoe? Yes   No [
C.			8 SCREEN:
Clay	22	(22)	Type: NONE Dia.:
The Ball	53	775	Slot/Gauze Length
mue Iven			Set betweenft. andft.  Fittings:
Shale	8	83	
a. I Bank	12	95	9 STATIC WATER LEVEL
Janes Jee Cr	1/	/>	ft. below land surface  10 PUMPING LEVEL below land surface
		-	
			ft. after hrs. pumping g.p.m.
·			11 WATER QUALITY in Parts Per Million:
			Iron (Fe) Chiorides (CI)
			HardnessOther
			12 WELL HEAD COMPLETION: In Approved Pit
			Pitless Adapter 12" Above Grade
:			13 Well Grouted? Yes No
			Neat Cement Bentoniteft.
			14 Nearest Source of possible contamination
	-		30 feet Southpirection Sept, Tank Type
			Well disinfected upon completion 🔀 Yes 🗌 No
	-,		15 PUMP: Not installed
			Manufacturer's Name Boule
			Model Number 4F3 HP Y Volts 220  Length of Drop Pipe 25 ft. capacity 6 G.P.M.
	ie,		Type: Submersible G.P.M.
1	*		Jet Reciprocating
16 Remarks, elevation, source of data, etc.		17 WATER	WELL CONTRACTOR'S CERTIFICATION:
		This wel	I was drilled under my jurisdiction and this report is true $IIII$
S. SY DRILLER, ILLIN DOL		War	Wir win Will Willing 2493
- CELTED BY		REGIS	STERED BUSINESS NAME REGISTRATION NO.
E \$100 ITION		Address	5 7 9 11 sto rung unt your reast, Thur
*ADDITION BY		Signed	548 Persting aut for boon, Mich
D67d _ 100M (Rev. 12-68)		1	AUTHORIZED REPRESENTATIVE

GEOLOGICAL SURVEY SAMPLE No.			
DEC 03 1979	WATER \		
1 LOCATION OF WELL PARM	ACT 29	4 PA 196	5 PUBLIC HEALTH
County Township Name	i	Fraction	Section Number Town Number Range Number 32 2 2 N/S. 5 M/W.
Distance And Direction from Road Intersections	Told -	2 4 6 7 3	3 OWNER OF WELL:
Street address & City of Well Location		****	Address Address Address Address
	ch Map:		4 WELL DEPTH: (completed) Date of Completion
N Skell	Sit lylap.		5 Cable tool 4-Rotary Driven Dug.
w			Hollow rod Jetted Bored 5 USE: Domestic Public Supply Industry
			Irrigation
1 MILE			7 CASING: Threaded Welded Height: Above/Belew Surfaceft.
2 FORMATION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM	
		,	8 SCREEN:
and the second			Type: Dia.;
			Slot/GauzeLength
			Set betweenft, andft.
Land of the state	$\pm 2/$	105	Fittings:
			9 STATIC WATER LEVEL
			147 ft. below land surface
			10 PUMPING LEVEL below land surface
	_		ft. after hrs. pumping g.p.m.
			ft. after hrs. pumping g.p.m.
			11 WATER QUALITY in Parts Per Million:
			Iron (Fe) Chlorides (C1)
			HardnessOther
			12 WELL HEAD COMPLETION: In Approved Pit
		<u> </u>	Pitless Adapter 12" Above Grade
			13 Well Grouted? Yes No Neat Cement Bentonite
	<del> </del>		Depth: Fromft. toft.
			14 Nearest Source of possible contamination
			feet Direction Type
	ļ		Well disinfected upon completion Yes No
			15 PUMP: Jygt installed
			Manufacturer's Name
ADDED INFO BY DRILLER, ITEM NO.			Model Number 10 F . HP Volts 250 Length of Drop Pipe 100 ft. capacity 7 B.P.M.
CORRECTED BY	1		Type: 7 Submersible
- LEEVATION	ļ		Jet Reciprocating
OFF TO ROCK USE A 2ND SHEET IF NEEDED			
16 Remarks, elevation, source of data, etc.	1	This well	WELL CONTRACTOR'S CERTIFICATION:  I was drilled under my jurisdiction and this report is true  est of my knowledge and belief.
5926	., e'	Addrese	STERED BUSINESS NAME REGISTRATION NO.
		Signed	12 Date 0-20-79
D67d 100M (Rev. 12-68)		·	AUTHORIZED REPRESENTATIVE

	15 P	WATER \	WELI RFC	CORD MICHIGAN DEPARTMENT
1971		ACT 29		
1 LOCATION OF WELL	Township Name	<del></del>	Fraction	Section Number   Town Number   Range Numb
Jackson	Par	ma	5 F 1 S	5 W <sub>1</sub> 5 E <sub>1</sub> 3 Z 2 As. 3 A
syance And Direction from Road	Intersections	v mor	th	3 OWNER OF WELL Canal Canal Co.
state of our	Or of at	on 1/4 -	ni	Address D
Street address & City of Well Loc	ation	æ,		130x 162 Marsha
Locate with "X" in section be	low	Sketch Map:		4 WELL DEPTH: (completed) Date of Completion
	P			116 th. fan 29 197,
				5 A Cable tool Rotary Driven D
*	т.			6 USE: Domestic Public Supply Industry
				Irrigation Air Conditioning Commercia
				Test Well 7 CASING: Threaded Welded Height: Above/Below
1 MILE				Diam. Surface 1/2 ft.
2 FORMATIC	N	THICKNESS	DEPTH TO BOTTOM OF	in. toit. Depth Weight lbs./ft.
		STRATUM	STRATUM	in. toft. Depth   Drive Shoe? Yes 2 NO 8 SCREEN:
San	dy day	20	20	Type: Dia.;
Salla	0 1	119	100	Siot/GauzeLeagth
- sand grave	+ elan	2 70	00	Set between ft. and ft.
Cay Wal	Tuo i	7	75)	
	and have	25	100	9 STATIC WATER LEVEL  ft. below land surface
sund f	were			10 PUMPING LEVEL below land surface
Shale		3	105	6/ ft. after Zhrs. pumping 59 g.p.m.
1 Com D	racks	11	116+	ft. after hrs. pumping g.p.m.
Sur a o	<del>u ca c</del>		7,01	11 WATER QUALITY in Parts Per Million:
· · · · · · · · · · · · · · · · · · ·				Iron (Fe) Chlorides (Cl)
	4			HardnessOther
				12 WELL HEAD COMPLETION: In Approved Pit
				Pitless Adapter 412 Above Grade
	· ·			13 Well Grouted? Yes 4NO Neat Cement Bentonite
				Depth: Fromft.
				14 Nearest Source of possible contamination
				Well disinfected upon completion Gres No
÷				15 PUMP: And installed
				Manufacturer's Name
				Model Number HPVolts
				Length of Drop Pipeft. capacity G.P.M.  Type: Submersible
	·			
USE A 2ND SHEET I	E NEEDED			
16 Remarks, elevation, source			ł	I WELL CONTRACTOR'S CERTIFICATION:
	ilent out			I was drilled under my jurisdiction and this report is true
	SEEM RUA		Tim	STERED BUSINESS NAME REGISTRATION NO.
₩. 051/W			Address	C . '
			~0000055	

## MAR GO 1984 GEOLOGICAL SURVEY NO. -

# MICHIGAN DEPARTMENT OF PUBLIC HEALTH

# WATER WELL AND PUMP RECORD

	-	<b>*</b> ×					
	·	1					
PERMIT NUMBER							

1 LOCATION OF WELL		PART 127	ACT 368, P.A	. 1978			
County <b>Jackson</b>	Township Name Parma		Fraction		Section Number	Town Number  2 · XI/S	Range Number
Distance And Direction From Road Int	ersection 2nd Drive	South	of T-94	1/4 1/4 3 OWNER OF		1 E A/S	3 <b>&amp;</b> /W
on West Side of Rd.					Richard C.O. No.	d Dobbins	ı p
				· Address .	P.O. B	rth Concord	ı rarms
	Gibbs Rd.						_
Street Address & City of Well Locatio	<del></del>		237		oncord, Mi me As Well Location		
Locate with "X" in Section Below	Sk	etch Map:		165	H: (completed)	Date of Complet	_
	A		•	5 X Cable to			 ∏ Dua
	- la			Hollow r	_		
w	7-94			6 USE: Don			Type III Public
		2		Irrig.		a Public 🔲	Heat pump
	X	3		Test			
1 MILE	. ,	3		7 CASING: Diameter	Steel 🔀 Threac	fed Height Abov	
	· "	THICKNESS	DEPTH TO		5 <b>86½</b> ft. depth	Surface	-
2 FORMATION DESC	RIPTION	OF STRATUM	BOTTOM OF STRATUM	in to	ft. depth	.Weight	lbs./ft.
					l Hole Diameter o ft. depth	Drive Shoe	
Red Gravel and ston	es .	31	31		tt. depth		□ No
Yellow soft sandroc		49	80	8 SCREEN.		Not In	rstalled
	<u>K</u>		·····				
Shale		55	135				
					K-Packer		
Limerock		3	138	☐ Blank at	oove screen		
lifted has a second second		20	26-	9 STATIC WAT	ER LEVEL:		
White sandrock		27	165		it_below land VEL: below land su		Flow
					ft. after hrs.		
				1	ft. after hrs.  ft. after hrs		
	i				rt. arter ms	pumping at	_ 0.1 W
				11 WELL HEAD COMPLETIO		=======================================	above grade oved pit
				12 WELL GROU	JTED? X No	Yes From	to ft.
				Neat ce	ment	nua 🗀 Othor	
				1		_	
					of cement rce of possible conta		
				Type	Distar	ica ft Dua	ection
	356-4						
		- 3			ted upon completion	?   Yes   _	No
		911 Jan		Ι ,	Not Installed	Pump Inst	tallation Only
				1	r's nameSŧ		
					er <u>9099951</u> op Pipe <u>70</u>		
	45.0000			1 -	Submersible	Jet	
·	<u> </u>			PRESSURE T	ANK:		
	Samuran Samini	t_fallen			_	rvard	
USE A 2ND SHEET IF  15. Remarks, elevation, source of			16 WATER		er <u>it40</u> ACTOR'S CERTIFI	Capacity	Gallons Gallons
· 10. Hemaiks, elevation, source of			This wel		er my jurisdiction an		•
Well Permit #8777	ADDED INFO BY DRILLER.	IIEM NOL	R.	M. Brawer	& Son Inc.	. 10	06
• • •	*CORRECTED BY **ADDITION BY 97	5	ł		& Son Inc.	REGISTRATIO	NO.
	ELEVATION		Address	arma,	Mighi an	<del>49269</del>	2 (2 62
•	DEPTH-TO ROCK	- 69 <del>6</del>	Signed	AUTHOR	ED SEPRESENTATIVE	wit_ Date 10	2-13-83

	ACT 294	PA 1965	A OF				
1 LOCATION OF WELL Twp.			PUBLIC HEALTH PUBLIC HEALTH Range				
Calhoun Twp.  Calhoun Sheridan	-	SW × BI	- Sω Section No. Town Range 7. 4 χ. 4 χ.				
Distance And Direction from Road Intersections 450' E. of 29 Mile Rd & E. ow Ave. On N. Side of E. Michi Street address & City of Well Location Albion. Mic	Mich gan Av		3 OWNER OF WELL: Brooks Foundry, Inc Address 1712 E. Michigan Ave. Albion, Mich				
	THICKNESS	DEPTH TO	4 WELL DEPTH: (completed) Date of Completion				
2 FORMATION	STRATUM	BOTTOM OF STRATUM	196 9/19/69				
Brown Sand	42	42	5 🛣 Cable tool Rotary Driven D Hollow rod Jetted Bored  6 USE: Domestic Public Supply 🛣 Industry				
Gravel & Clay	. 13	55	☐ Irrigation ☐ Air Conditioning ☐ Commerci				
Clay-red	13	(68)	7 CASING: Threaded Welded Height: Above/				
Brown-Sandrock-soft	18	86	6 in. to 97 ft. Depth surface 1 ft Weight 19 bs/ft				
" -Med-soft	50	136	8 SCREEN:				
White Sandrock-hard	60	196	Type:Dia.:				
		-	Slot/GauzeLength				
			Set betweenft. andft.				
			Fittings:				
			9 STATIC WATER LEVEL 43ft. below land surface				
			10 PUMPING LEVEL below land surface				
			ft. afterhrs. pumpingg.p.n				
			II WATER QUALITY in Parts Per Million:  Iron (Fe)Chlorides (Cl)				
<del></del>		· · · · · · · · · · · · · · · · · · ·	Hardness				
			12 WELL HEAD COMPLETION: In Approved Pit				
<u> </u>	-		Pitless Adapter 12" Above Grade 13 GROUTING:				
			Well Grouted? Yes Wo				
			Material: Neat Cement				
<del></del>			Depth: Fromft. toft.  14 SANITARY:				
			Nearest Source of possible contamination				
			500 feet E Direction Septic Type				
	-		Well disinfected upon completion Yes No  15 PUMP:				
			Manufacturer's NameReda				
			Model Number 10018P101 HPE 1				
			Length of Drop Pipe <u>63</u> ft. capacity <u>20</u> G.P.M.  Type: Type: Universible				
·			Jet Reciprocating				
16 Remarks, elevation, source of data, etc.		This wel	WELL CONTRACTOR'S CERTIFICATION: I was drilled under my jurisdiction and this report is true				
ADDED INFO. 55 ORILLER, ITEM NO.		R	st of my knowledge and belief.  M Brewer & Son Inc 106				
*CORRECTED BYE MEH	:	Address_	egistered business name registration no.  215 Harrington Rd Parma, Michael Parma,				
• GADDITION EYS		Signed	Donal & Brain Date 6-7-7				
			AUTHORIZED REPRESENTATIVE				

GEOLOGICAL SURVEY SAMPLE No.

GEOLOGICAL SURVEY SAMPLE No.	-		
	 Wated \	 Meli de/	COPD
	WATER \		5 OF
1 LOCATION OF WELL County 1/1 Township Name	<del></del>	Fraction	PUBLIC HEALTH  Section Number   Town Number   Range Number
Calham Sherida	w.	. , ,	36 ZB. 4 0W.
Distance And Direction from Road Intersections	side	of	3 OWNER OF WELL: 4 Mantin
Mich ave about	402 -	mi	Address 1044
Street address & City of Well Location	rd		18# allian
	h Map:		4 WELL DEPTH: (completed) Date of Completion
			84 ft. TAN 8 1971
<del>-</del>			Solution
w			6 USE: Domestic Public Supply Industry
			☐ Irrigation ☐ Air Conditioning ☐ Commercial
			Test Well  7 CASING: Threaded Welded Height: Above/Betow
1 MILE			Diam. Surface 15 ft.
2 FORMATION	THICKNESS OF	DEPTH TO BOTTOM OF	
	STRATUM	STRATUM	in. toft. Depth   Drive Shoe? Yes  No 8 SCREEN:
claus sown	3 ~	3	Type: Dia.:
	21.1	211 -	Slot/Gauze Length
brown sand grant one day	74	7/	Set between ft, and ft.
soft brown sadrock	5	50	Fittings: NONE
		مسه ۸	9 STATIC WATER LEVEL
median had brown survively	15	65	ft. below land surface
and by be sendered	19	84	40 ft. after / hrs. pumping 30 g.p.m.
The Address of the Ad		/	
	<u> </u>		ft, after hrs. pumping g.p.m.  11 WATER QUALITY in Parts Per Million: I/NKNUNN
			•
			HardnessOther  12 WELL HEAD COMPLETION: In Approved Pit
			Pitless Adapter 4-2 Above Grade
			13 Well Grouted? Yes Mo
			Neat Cement Bentonite
			Depth: Fromft. toft.  14 Nearest Source of possible contamination
· · · · · · · · · · · · · · · · · · ·	<del> </del>		feet Direction Type
			Well disinfected upon completion V Yes No
			15 PUMP: Not installed
	<del>                                     </del>		Manufacturer's Name HPVolts
			Length of Drop Pipeft. capacityG.P.M.
			Type: Submersible
	+		. Jet Reciprocating
USE A 2ND SHEET IF NEEDED	144		
16 Remarks, elevation, source of data, etc.	1		WELL CONTRACTOR'S CERTIFICATION: I was drilled under my jurisdiction and this report is true
40020 MIFO. BY DRILLER, ITEM NO.		to the be	r was writed under my jurisdiction and this report is tide is st of my knowledge and belief.  R.d. WELL DRILLING Co. 0404
	***	REGIS	STEREO BUSINESS NAME REGISTRATION NO.
WORREGIED BY		Address	
**ADDITION BY:		, ,	M Lionard Date Jan 8 197
014		Signed _	Date June

	WATER WE ACT 294	LL RECO	RD" - " ~·	MICHIGAN DEPARTMENT OF
1 LOCATION OF WELL			·	PUBLIC HEALTH
Compalhous Two Nove	dan.	Fraction /	Section No	Town Range
Distance And Direction from Read intersections	ONNER No.		3 OWNER OF WELL	Much 116
of 139 June too of	el fer	<b>~</b>	Address	Tinewood S'
Street address & City of Well Location				Theor
2 FORMATION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM	4 WELL DEPTH: (complete	4-23-67
Sand	40	48		Rotary Driven Dug Jetted Bored
Clay	10	50	·	Public Supply Industry  Air Conditioning Commercial
South And	5	(5-5)	7 CASING: TI III	Welded ☐ Height: Above/Below
V The same			Diam. Threaded 1	Depth
sand rock	30	83		Weightlbs/ft.
i .			8 SCREEN:	Depth Drive Shoe? Yes No
			Туре:	Dia.;
			Slot/Gauze	Length
			Set betweenft. c	indft.
,			Fittings:	
			9 STATIC WATER LEVEL	
			10 PUMPING LEVEL below	
			HA ft. after 3	
				hrs. pumpingg.p.m.
j			Il WATER QUALITY in Par	
			Hardness	
_			12 WELL HEAD COMPLETI	ON: In Approved Pit
			13 GROUTING:	7 -
			Well Grouted? ☐ Yes ☐ Material: ☐ Neat Ceme	
			Depth: Fromft. to.	ft.
			14 SANITARY: Nearest Source of possib	la contemination
			5 1 foot 5 h	1 / / =
			Well disinfected upon cor	npletion Yes No
			15 PUMP: Manufacturer's Name	erd
			Model Number	HP
			Length of Drop Pipe	ft. capacityG.P.M.
			Type: Submersible	Reciprocating
16 Remarks, elevation, source of data, etc.		1	WELL CONTRACTOR'S CER	•
		1 -	ll was drilled under my jurisdi est of my knowledge and belje	. 47
ADDED INFO, BY URLESS, TIKE 1854		Les	EGISTERED BUSINESS RAME	relien 0404  REGISTRATION NO.
000RREVIEW #3		Addras	All. Abr	mator
OURSENSE WA		Signed	m Losers	7/ Date 11 - 74-69
osagniga 29t	·	319/10/	AUTHORIZED REPRESENTATIVE	
36-3 OCT 8-1969 G	EOLOGICA	L SURVI	EY COPY	

GEOLOGICAL SURVEY SAMPLE No.

APR 2 3 1990

## WATER-WELL RECORD -

- MICHIGAN DEPARTMENT

	ACT 29	4 PA 196	
1 LOCATION OF WELL			PUBLIC HEALTH
County Township Name		Fraction	Section Number Town Number Range Number
Calhoun Sheridan	•	14	14 14 36 T2S N/S. R4W E/W.
Distance And Direction from Road Intersections			
3 1/2 Tenths mile South of M	ichigan Ave	2110	3 OWNER OF WELL: Gordon Stevick
	rentem wee	iide	•
5/10 mile West of Finaly Rd.			AddressLot #1, Crystal Lake
Stroot address 9 City of Wall ( auction			Cement City, Michigan 49233
Street address & City of Well Location  Locate with "X" in section below			
N.	ketch Map:	يخلره	4 WELL DEPTH: (completed) Date of Completion 30 3-28-80
	Tentho m	اه استعلا	Al ft 1
	مستنفليل	Q.	5 Cable tool Rotary Driven Dug
	ه سندسی	202	Cable tool Rotary Driven Dug
I I I I I I I I I I I I I I I I I I I	$\gamma^{\nu}$		Hollow rod Jetted Bored 5  6 USE: Domestic Public Supply Industry  Irrigation Air Conditioning Commercial
*	Jan Tho "	13	6 USE: Domestic Public Supply Industry
[ ] $[ ]$ $[ ]$ $[ ]$ $[ ]$ $[ ]$ $[ ]$ $[ ]$ $[ ]$	12 W	1 3	Irrigation Air Conditioning Commercial
	1.	18	XXX Test Well
	<b>V</b>	.a. (5	Apartest well
<u> </u>	V _ 5/. ~	m 1	7 CASING: ThreadeXX Welded Height: Above/XXX
1 MILE	<u> </u>	1	Galv   Surface   14"   ft.
	THICKNESS	DEPTH TO	2_in. to 23'3"xt. Depth   Weight 3.75 lbs./ft.
2 FORMATION	OF STRATUM	BOTTOM OF	
	SIRAIUM	STRATUM	in, toft, Depth   Drive Shoe? Yes NoXX
Com 1 am 1 am 3	26	26	8 SCREEN:
Sand and gravel	26	26	Type: stainless steel Dia.: 2"
***			Siot. *** #10 Length 4' 8"
Gray clay	3	29	
			Set between 22 ft. and 26 ft.
Can data		20	Fittings 2" coupling and 2" cap
Sandstone	1	30	
			9 STATIC WATER LEVEL
			22' 6"K. below land surface
			a. below land surface
1	]		10 PUMPING LEVEL below land surface
			ft. after hrs. pumping g.p.m.
	į		to the second se
			ft. after hrs. pumping g.p.m.
		•	11 WATER QUALITY in Parts Per Million:
			Iron (Fe) Chlorides (C1)
			1
· · · · · · · · · · · · · · · · · · ·			HardnessOther
.f			12 WELL HEAD COMPLETION: In Approved Pit
			Pitless Adapter 7 12" Above Grade
			13 Well Grouted? X Yes No
à	İ		
			Neat Cement XX Bentonite
		•	Depth: Fromft. toft.
			14 Nearest Source of possible contamination
			feetDirectionTvpe
			Well disinfected upon completion Yes No
	j i		15 PUMP: Not installed
	F		Manufacturer's Name
The second of th	<del></del>		
ADDED HARD BY DRILLER, ITEM HU			Model Number HP Volts
"CONNECTED BY			Length of Drop Pipeft. capacityG.P.M.
**AUDITION BY			Type: Submersible
	•		
ELEVATION	<del></del>	<del></del>	Jet
DEPTH TO ROCK			
USE A 2ND SHEET IF NEEDED			
16 Remarks, elevation, source of data, etc.		17 WATER	WELL CONTRACTOR'S CERTIFICATION:
•			I was drilled under my jurisdiction and this report is true
Sharidan Albian Israelila	ina11-		est of my knowledge and belief,
Sheridon-Albion Landfill monitor	THE METTS	Hart W	ell Drilling Company 522
Development time 1 1/2 hours		REGI	STERED BUSINESS NAME REGISTRATION NO.
A STANT COLUMN TO THE PERSON OF THE STANTAGE O	1 :	Addrag	154 S. Jefferson, Mason, Michigan 48854
[1] [1] [1] [1] [1] [2] [2] [2] [2] [2] [2] [2] [2] [2] [2		- Address	
A State Constitution of the Assessment of Assessment of	A. I		XII Was Con
	الأثرية ا	Signed _	8, W. Hart Date 4-11-80
DAZH 100M (Rev. 12-68) HE 1 7 780	ya im.	. •	TAUTHORIZED REPRESENTATIVE /

PLOTED BANKS OF THE SECTION SURVEY COPY

APR 23 1980 -

## WATER WELL RECORD

MICHIGAN DEPARTMENT

1 LOCATION OF WELL		PA 196	فا	PUBLIC HEALTH				
Calhoun	Township Name <b>Sheridan</b>		Fraction 1/4	1⁄4 1⁄4	Section Number <b>36</b>	Town Number T25	0/17	Number E/W.
Distance And Direction from Road I				3 OWNER OF V	on Stevick		<u> </u>	
2 1/2 Tenths mile S	South of Michig	an Avenu	е	AddraLot	#1. Crysta		de de la companya de la companya de la companya de la companya de la companya de la companya de la companya de	
5 1/2 Tenths mile V Street address & City of Well Locat	ion i	Ka.		Cement City, Michigan 49233				
Locate with "X" in section belo	Sketc	Come	4	4 WELL DEPTH	: (completed)	Date of Complete 3-27-80	etion	
	michigan	the mile	े ह	Addresot #1, Crystal Lake Cement City, Michigan 49233  4 WELL DEPTH: (completed) Date of Completion 50 ft. 3-27-80  5 Cable tool MR Rotary Driven Hollow rod Jetted Bored 6 USE: Domestic Public Supply Industry Irrigation Air Conditioning Commerce Test Well 7 CASING: Threaded Welded Height: Above/2503w Galv.  TH TO OM OF ATUM In, to 39 ft. Depth Weight3.75 lbs./ft. in, to ft. Depth Drive Shoe? Yes No.				
	2/200	٠ .	- ADA	Hollow r	od Dett	ed 🗌 B	ored [	<u> </u>
<b>┃</b>	V	5 K/2	100 B	6 USE: Don	nestic 🔲 Pub	lic Supply	Industr	•
	X	~~~~	ا في المعرب	∐ Irrig <b>9</b> 71 -	gation Air	Conditioning	Comme	ercial
		1.	1,5	7 CASING: Th	readed Welde	d Height	Above/PXX	
S I MILE			7	Diami G	alv.			
2 FORMATION	V	THICKNESS OF	DEPTH TO BOTTOM OF	<b>2</b> in. to	<b>39</b> ft. Dep			
		STRATUM	STRATUM	8 SCREEN:	ft. Dep	th   Drive S	hoe? Yes	No 🏝
Sand and gravel with	coal strips	36	36	Type: Stai	nless stee	1 Dia.:2	2 <sup>11</sup> .	
Brown, white and gree	en sandstone	14	50	Slot/	#7 3.7	_ Length <u>3'</u> 40	6''	
				Set between	37 ft. and coupling &	2 <sup>m</sup> can		
				Fittings		_	·	
				9 STATIC WAT	ER LEVEL			
				<del></del>	ft, below land su			
	•	·			EVEL below land			
	<del>.</del>	<del>                                     </del>			ft, after hrs.	bumping	g.p	··IT7•
	6				ft. after hrs.	pumping	g.p	.m.
				11 WATER QUA	ALITY in Parts Per	Million:		
,				Iron (Fe)	Chic	orides (CI)		
				Hardness	Othe	·r		
	•		<del></del>		COMPLETION:		ed Pit	
				1	tless Adapter			
					ed? 🚺 Yes 🗌 No			
		-		1	ement 🗷 Bentoi		4.	
				Depth: Fro	rce of possible o	to ontamination	_ft.	
		<del> </del>		feet	Direct	ion		Туре
		<u> </u>		<del></del>	cted upon comple	etion Yes	☐ No	
	· · · · · · · · · · · · · · · · · · ·			15 PUMP:	<b>X</b>	Not installed		•
	<del> </del>	-		1	er's Name			
DEILLER, ITEM N	10			1	oerf			
SACERON BY		<del>                                     </del>		1	rop Piper Submersible	capacity	G.P.M.	
RESERVON.	-, ·			· =	Jet [	Reciprocati	ng	
USE, A 2ND SHEET IF	NEEDED							
16 Remarks, elevation, source of			17 WATER	WELL CONTRA	CTOR'S CERTIF	ICATION:	-	
	,		This wel	I was drilled un	der my jurisdiction		ort is true	
Development time 2 h Sheridon-Albion Land	ours lfill moni <b>co</b> rin	g wells	Hart V	Well Dril	ling Compar		522 STRATION NO.	
1 750	FARTINE	$\tilde{n}$			ferson, Ma			48854
	The second of th			9 /	, 11			21
	APR 1 7-1-280	T. S. S. S. S. S. S. S. S. S. S. S. S. S.	Signed _	AUTHOR: ZED BEE	V. Har	Date 5	1-9-8	0
D67d 100M (Rev. 12-68)	WELL TINDO			AUTHORIZED KE	RESERVATIVE	,		

36-6 NOT PLOTTED Callinour County Health Department
CORRECTS LIFE CHARLES GEOLOGICAL SURVEY COPY

GEOLOGICAL SURVEY SAMPLE No.		- ·		
APR 2 3 1980		WATER \		
1 LOCATION OF WELL	ø.	ACT 29	94 PA 196	OF PUBLIC HEALTH
Calhoun	Township Name <b>Sheridan</b>		Fraction	Section Number Town Number Range Number T2S R4W E/W.
Distance And Direction from Road 90 North of Eri	Intersections			3 OWNER OF WELL: Gordon Stevick
5 1/2 Tenths Wes				Gordon Stevick  Address Lot #1, Crystal Lake
2 1/2 rentus mes	t or rinary ku.			Cement City, Michigan 49233
Street address & City of Well Loc- Locate with "X" in section be	ation Supra	h Man:		4 WELL DEPTH: (completed) Date of Completion
	Sketch	Wy ward	المالية	27 3–28–80
	var hungan		2	5 Cable tool XX Rotary Driven Dug
	Muchungan			☐ Hollow rod ☐ Jetted ☐ Bored ☐
w				6 USE: Domestic Public Supply Industry
	,	x € 5½t	nie 3	☐ Irrigation ☐ Air Conditioning ☐ Commercial
		90'	13	Test Well  7 CASING: Threaded Welded Height: Above ***
S I MILE	Eve	_	<b>1</b> #	Diam. Galv. Surface 17" Xt.
2 FORMATIC		THICKNESS	DEPTH TO	
		STRATUM	STRATUM	in. toft, Depth Drive Shoe? Yes No
Sand and gravel	•	22	22	8 SCREEN:
Dana and Braver		-	- 22	Type: Dia.: 2"  Slot/8xx #10 Length 4' 8"
Gray clay		4	26	Slot/85%   10   Length   4   8
				Fittings: 2" coupling and 2" cap
Sandstone		1	27	
				9 STATIC WATER LEVEL  12 ft. below land surface
		<del>                                     </del>	ļ <u></u>	ft. below land surface  10 PUMPING LEVEL below land surface
				ft. afterhrs. pumpingg.p.m.
				ft, afterhrs. pumping g.p.m.
				11 WATER QUALITY in Parts Per Million:  Iron (Fe) Chlorides (C1)
****				Chordes (CI)
	_			HardnessOther
	<del></del>			12 WELL HEAD COMPLETION: In Approved Pit
			<u> </u>	Pitless Adapter 12" Above Grade
				13 Well Grouted? Yes No Neat Cement Bentonite
<del></del>		-		Depth: Fromft. toft.
				14 Nearest Source of possible contamination
<del></del>	<del>.</del>	]		feetDirectionType
				Well disinfected upon completion Yes No
				Not instaired
		<del>                                     </del>		Manufacturer's Name HP Volts
ADDED INFO BY DRILLER, ITEM				Length of Drop Pipeft. capacityG.P.M.
THE DETAILS			,	Type: Submersible
*ADDINGN* BY		<del> </del>		Jet Reciprocating
DEPTH TO ROCK A PHO SHEET I	· ·			
16 Remarks, elevation, source		<u></u>	17 WATER	L WELL CONTRACTOR'S CERTIFICATION:
•			. This wel	I was drilled under my jurisdiction and this report is true
Davelopment time	1 1/2 hours		Hart W	ell Drilling Company 522
Sheridon-Albion Land	fill monitoring	wells		STERED BUSINESS NAME REGISTRATION NO.
		·	Address	1154 S. Jefferson, Mason, Michigan 48854
	APR 171780		Cinesa	S. W. Hort Date 4-11-80
D67d 100M (Rev. 12-68)	APR 171780		1 Signed	AUTHORIZED REPRESENTATIVE
	- <del>-</del>			

36-4)

NOT Caincorn County Health de GEOLÓGICAL SURVEY COPY

(ORRECTLY

GEOLOGICAL SURVEYING WATER WELL AND PUMP RECORD **PERMIT NUMBER** LOCATION OF WELL Range Number Street Address & City of Well Location Locate with "X" in Section Below Sketch Map: WELL DEPTH: (completed) Cable tool ☐ Driven Dug ☐ Hollow rod Auger Jetted 6 USE. Domestic Type I Public Type III Public Irrigation Type IIa Public Heat pump Test Well Type IIb Public CASING: Steel Threaded Height: Above/Below Leptiew 🗔 Surface DEPTH TO BOTTOM OF STRATUM THICKNESS **Z** ft. depth Weight \_\_\_\_\_ lbs./ft. 2 FORMATION DESCRIPTION OF STRATUM \_\_\_\_\_ in, to \_\_\_\_\_ ft, dept Grouted Drill Hole Diameter \_ ft. depth Drive Shoe \_ft\_depth 8 SCREEN Not Installed Slot/Gauze \_\_\_\_ \_ft and \_\_ FITTINGS K-Packer Lead Packer Bremer Check Blank above screen \_\_\_\_\_ ft. 9 STATIC WATER LEVEL. ft, below land surface 10 PUMPING LEVEL. below land surface 23 ft. after 1 hrs. pumping at 30 G.P.M. \_ ft\_after \_\_\_\_\_ hrs\_pumping at \_ 11 WELL HEAD COMPLETION: itless adapter 12" above grade Basement offset Approved cit ADDED INFO BY DRILLER, ITEM NO. 12 WELL GROUTED? Yes From \_\_\_ \*CORRECTED BY Bentonite Other \_ \* \* ADDITION BY Neat cement **ELEVATION** No. of bags of cement \_\_\_\_\_ \_ Additives DEPTH TO ROCK 13 Nearest source of possible contamination Lesistance 4 0 ft. Direction Well disinfected upon completion? Yes No 14 PUMP: Not Installed Pump Installation Only Manufacturer's name Model number 5 DL 3/0 HP Length of Drop Pipe \_30 Environmental and Supmersible ก็เดียกายการประเทณ PRESSURE TANK Services Administration USE A 2ND SHEET IF NEEDED Model number 15 Remarks, elevation, source of data, etc. 16. WATER WELL CONTRACTOR'S CERTIFICATION: (Rev 10-80) bour I inch feelth Department ordin I see Much.

MICHIGAN DEPARTMENT OF PUBLIC HEALTH

TICKET HOUSE;

GEOLOGICAL SURVEY SAMPLE NO.		
SEP 0 7 1972	WATER WELL R	1965 OF
County Township Name	relan WE	PUBLIC HEALTH  Section Number Town Number Range Number  2 NS. 4 SW.
Organica And Direction from Road Intersections.  On Discourse William Street address & City of Well Location	n 99 chare	3 OWNER OF WELL. Adviss Conter Conter
<u> </u>	Sketch Map:	4 WELL DEPTH: (completed) Date of Completion    OO   ft.
2 FORMATION	THICKNESS DEPTH TO OF BOTTOM ( STRATUM STRATUM	OF in. to 22ft. Depth Weight 1bs./ft.  Min. to ft. Depth Drive Shoe? Yes 2No
From sanda day	4 69	8 SCREEN:  Type: Dia.:  Slot/Gauze Length  Set between ft. and ft.
soft gon sandwith	10 79	9 STATIC WATER LEVEL
modern Lander outro	€ R/ 100	10 PUMPING LEVEL below land surface  50 ft. after / hrs. pumping 30 g.p.m.
		ft. after hrs. pumping g.p.m.  11 WATER QUALITY in Parts Per Million: UKKNOWN  Iron (Fe) Chlorides (CI)
:		Hardness Other  12 WELL HEAD COMPLETION: In Approved Pit Pitless Adapter 2 12" Above Grade
		13 Well Grouted? Yes No  Neat Cement Bentonite  Depth: From ft. to ft.  14 Nearest Source of possible contamination
,		feet Direction SEDICATILE Type  Well disinfected upon completion Pyes No
		Manufacturer's Name  Model Number  Length of Drop Pipe 4  Type: Submersible
USE A 2ND SHEET IF NEEDED  16 Remarks, elevation, source of data, etc.		Jet Reciprocating  R WELL CONTRACTOR'S CERTIFICATION:
Land, HEM CLA	to the	veil was drilled under my jurisdiction and this report is true best of my knowledge and belief.  ALIPO A. F. D. D. L. L. C. C. C. C. C. C. C. C. C. C. C. C. C.
D67d 100M (Rev. 12-68)	Addre	11 Pa 16 - 0 3 16 - 32

GEOLOGICAL SURVEY SAMPLE No.									
		WELL REC							
1 LOCATION OF WELL	ACT 2:	94 PA 196	PUBLIC HEALTH						
County Township N	eme relien	Fraction	Section Number Town Number Range Number						
Calhours Sher		1 14	13 OWNER OF WELL:						
# M. E. of 29# M. Rt.		•	Gereld Monter  Address 2004 E. Michigan						
S. S. Street address & City of Well Location	ر.		Albion, M. 49224						
( ocate with "X" in section below	Sketch Mao:	-	4 WELL DEPTH: (completed) Date of Completion						
<u>                                   </u>	M		100 ft. 1/70  5 ☐ Cable tool						
_	- B	have	Hallow rod Jetted Bored						
	X		6 USE: Domestic Public Supply Industry  trigstion Air Conditioning Commercial						
			Test Well						
			7 CASING: Threaded Welded Height: Above American Diam. Surface						
2 FORMATION	THICKNESS	DEPTH TO BOTTOM OF	1 in. to 72 ft. Depth Weight 11 ths./ft.						
	STRATUM	STRATUM	in toft. Depth   Drive Shoe? Yes A No 8 SCREEN:						
Cley		30	Type: MONE Dia:						
Sand & Clay	30	(60)	Slot/Gauze ft. and ft.						
			Fittings:						
Send Rock	40	100	9 STATIC WATER LEVEL						
·			S5ft. below land surface						
	j		10 PUMPING LEVEL below lend surface  ft. after hrs. pumping g.p.m.						
			AIR TEST						
		-	ft, after hrs. pumping g.p.m.  11 WATER QUALITY in Parts Per Million;						
		<u> </u>	tron (Fe) Chlorides (Ct)						
			HardnessOther						
			12 WELL HEAD COMPLETION: In Approved Pit						
		<del> </del>	Pitless Adepter 12" Above Grade  13 Well Grouted? 2 Yes No						
			Nest Coment   Bemonite   Drill Hell to						
• •			Depth: From ft. to ft. G. L.  14 Nearest Source of possible contamination						
		1							
		<del> </del>	Well disinfected upon completion 22 Yes No  15 PUMP: Not installed						
		<u> </u>	Manufacturer's Name Repléanton						
	]		Model Number HP3/4valts 220 Length of Drop Pipe 42 ft. capacity 15 G.P.M.						
	·		Type: 2 Submersible						
		<del> </del>							
USE A 200 SHEET IF WEEDED									
16 Remarks, elevation, source of data, et ADDED ITIFO, EY DFE ITEM N	c. ທ	This we	WELL CONTRACTOR'S CERTIFICATION: Ill was drilled under my jurisdiction and this report is true						
COUNTRIES BY			vest of my knowledge and belief.  A.S. RIELNFELL & Son 0.107 ISTERED BUSINESS NAME REGISTRATION NO.						
		ł	•						
**ADDITION BY:		Aggress	R#2 Charlotta, Mich. 48819						
D67d 100M (Rev. 12-68)	<del></del>	Signed (	Che Ille Lel Date 1110/70						

36-20

MAR 1 , 1970

MICHIGAN DEPARTMENT OF PUBLIC HEALTH

WATER WELL AND PUMP RECORD

-				_	Ï	1	ક	4
-	DE	0	BAIT	r Nii	MAD	60		

1 LOCATION OF WELL										
County Township Name -	Township Name - Fracti			Section Number Town Number Range Number						
(alhoon Stry da	ı.	5 - 1/4	NUL/45W1/4 36	E/W						
	<del></del>		3 OWNER OF WELL: Kon+ DAIP 136							
Distance And Direction From Road Intersection			5 OMMENON MELLI FOR	+ NAIPIS						
¥.			B .		1					
The transfer of the second sec			Address (109 A/I							
1869 1	350 S. A.	Service of	41.20C	Ph 440	4.5					
Street Address & City of Well Location		0,00	Address Same As Well Loc	ation? Tyes	] No					
	etch Map:		4 WELL DEPTH: (completed)	Date of Complet						
250010 11111 7, 111 5001011 50011	etti Map.				29.86					
			120 ft.		29.20					
<b> </b>			5 Cable tool	tary Driven	☐ Dug					
			Hollow rod	ger 🔲 Jetted	m i					
w			2 1105							
					Type III Public					
			Irrigation I Ty	pe lla Public	Heat pump					
				e IIb Public						
			7 CASING: Steel Th	readed Height: Abov	re/Below					
1 MILE			Welastic Dwg	lded i -						
	THICKNESS	DEPTH TO	5 in. to 100 ft. dept							
2 FORMATION DESCRIPTION	OF	BOTTOM OF	in to ft door	Weight SALE	Ibs://b					
	STRATUM	STRATUM	Growted Drill Hole Diameter	SOAME						
Cn. d	1	<b>~</b> -	in. toft. dept Grouted Drill Hole Diameter in. toft. dept	h   Drive Shoe						
SAND	35	35	in. toft. dept		□ No					
			8 SCREEN:	Not Ir	halleta					
GRAY CLAY	1.13	48	· · · · · · · · · · · · · · · · · · ·	INOT IF	istalieu					
01(1)	. / _		Туре	_ Diameter						
	31	79	Slot/Gauze	Length						
SAND	5/	1. /	Set between	ft. and	ft.					
		~ .	FITTINGS: K-Packer							
GRAY CLAY	2	8/	Blank above screen							
			9 STATIC_WAJER LEVEL:	it. Other						
GRAVE L	1 1 1	(9/)	36							
GRAVEL	10	9/)	ft. below I	and surface	Flow					
SANDROCK			10 PUMPING LEVEL: below lan		,					
SANDROCA	29	120	46 ft after	ors. pumping at30	, CBM					
					1					
			ft. after 1	rrs, pumping at	_ G.P.M.					
			11 WELL HEAD Divisor		<del></del>					
			COMPLETION: Pitles	s adapter . 12° a	bove grade					
			☐ Baser	nent offset 🔲 Appr						
			12 WELL GROUTED?	Yes From	, 100 <sub>ft</sub>					
	ļ			,						
	<del> </del>		Neat cement Z Be	ntonite 🔲 Other _						
				<del></del>						
	ļ		No. of bags of cement	Additives						
	1		13 Nearest source of possible c	ontamination	[					
			Type SEDIIC no	stance 507ft. Dire	ction					
	T									
原在 10世代/2014 1			Well disinfected upon comple	tion? 🗗 Yes 🔲	No					
	<del> </del>		14 DUMP:							
1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			Not installed		tallation Only					
			ivianulactuler's name	oulds:						
			Model number 10EV054	122 HP 3 V	ous 2300					
			7 /	1	10)					
MATURE BY LIVE TO THE HOUSE	<del>                                     </del>		Length of Drop Pipe	ft. capacity	G.P.M.					
Occupational Hearth of			TYPE: Submersible	Jet						
minimum production of the control of	ļ		PRESSURE TANK: //	IELL V TO	DaL 1					
	[ [		Manufacturer's name	<u>~~~///</u>	<del></del>					
USE A 2ND SHEET IF NEEDED	[		Model number WX	Capacity	42 Gallons					
15. Remarks, elevation, source of data, etc.	<del>-</del>	16. WATER	WELL CONTRACTOR'S CER		<del></del>					
The state of the s			I was drilled under my jurisdiction							
		to the b	est of my knowledge and belief.							
		SEA	ASTIAN & SONS	/	554					
				REGISTRATIO	ON NO. 22 - 7					
		Address	20731 11 De14	tran Date	Marton					
		Address			222					
•		Signed _	William Sebis	tran nata 1	7-29-26					
DC74 - 4/04		, Signed -	- AUTHORIZED REPRESENTAT	IVE						

\_.

Authority: Completion: Penalty: Act 388 PA 1978
Required
Conviction of a violation
of any provision is a
misdemeanor,

CEOLOGICAL CHRIVEY NO			- PUBLIC HEA	_		-
·		AND PU ACT 368, P.A	JMP RECO	RD	PERMIT	NUMBER
1 LOCATION OF WELL - Township Name		Fraction		ction Number	Town Number	Range Number
Calhoun Sheridan		!	NE1/4 SW 1/4	<i>36</i>	T2/S	
Distance And Direction From Road Intersection		/4	3 OWNER OF WI			
7501 North and 12601 Floor as Abr			•		raw-Edi <b>ss</b> ı	
750' North and 1360' East of the of Franklin Avenue and Clark Str		ELON	Address		N. Clark	
of Flanklin Avenue and Clark SCI	eet			Alb	ion, MI 49	9224
Street Address & City of Well Location				As Well Location		
Locate with X in Section Below	Sketch Map:		4 WELL DEPTH:		Date of Compl	
4		L	44	ft.	10-17	
		X	5 Cable tool	Rotary		= '
[w] [E V]			Hollow rod	Auger		
x i a			6 USE: Domest	_		Type III Public
			☐ Irrigatio			Heat pump  7 Purge well
	9		7 CASING: St			
FRANKLIN			PI	astic 🔲 Welde	1 -	
2 FORMATION DESCRIPTION	THICKNESS	DEPTH TO BOTTOM OF		39 It depth	1	).8 lbs./ft.
No. 9FORMATION DESCRIPTION	OF STRATUM	STRATUM	Grouted Drill Ho	ft. depth	-	_
Dod dietu ond	8.5	8.5			Drive Shoe	
Red dirty sand	8.5	0.5		ft. depth		TXXN0
Brown fine to medium sand	1.5	10	8 SCREEN:	inless		Installed
			lype			P.S.
Brown medium to coarse sand	8	18	Slot/Gauze		Length	
			Set between		and 44 Lead Packer	
Brown medium sand to med. gravel	. 6	24			ft. Other_	
			9 STATIC WATER I			
Yellow silty clay	2	26	39	ft. below land	surface	Flow
			10 PUMPING LEVE	L. below land su	ırface	
Brown medium sand to fine gravel	6.5	32.5	ft. á	after hrs.	pumping at	G.P.M.
Tan clay	1.5	34	ft. a	after hrs.	pumping at	G P.M.
	1.5	7-	11 WELL HEAD			
Grey clay and boulders	3	37	COMPLETION:	Pitless ac		above grade
<del></del>			12 WELL GROUTE	0.		34 to 36 ft.
Brown fine to medium sand	1	38	-			,
Ш			Neat cemer	nt 🔀 Bento	nite 🔲 Other	
Yellow silty sand	2	40	No. of bags of c	cement	Additives	
			13 Nearest source	of possible conta	amination	
Brown fine to medium sand with	ļ		Type	one Distar	nce <u>50</u> ft Di	rection Any
silt strips	4	44	Well disinfected	upon completion	? 🕱 Yes [	] No
STIT SHITES	*	44	14 011140	<del></del>		
Grey clay	12	56	1 · U	Not Installed nameGrun		stallation Only
			Manufacturer's	name	нР1/3	Volum 230
Hard grey sandstone (stopped)	.5	56.5				5 G.P.M.
REC	EIVED		1	Submersible		
"Mich. Dept. o	of Public He	alih	PRESSURE TAN	K:	_	1
NOM 0	1984	·	Manufacturer's	name		1
	0 1007	10 322	Model number:	/ TODIO 055555	Capacity	Gallons
15. Remarks, elevation, source of data etc.  10" x 4" gravel wall well and the standard of Environmental and	ironmental		R WELL CONTRAC III was drilled under n			<del>2</del>
#1630 gravel from 36' Cocupational	Health GW		est of my knowledge			
44' to 56.5' backfilled with ben	ntonite		yne-Norther		6	) J-Ø
pellts for grout			REGISTERED BUSINESS		REGISTRAT	TION NO.
		Address	P.O. Box	408, M15	pawaka, II	16544
	NOV 1 3	1 Sunded	- Corpur	REPRESENTATIVE	Cafebrie_	11 1-09
D67d (Rev. 10-80)	- 13		AUTHORIZED	HEPHESENTATIVE		. '

CEOLOGICAL SHRVEY NO			JMP RECORD PERMIT NUMBER
1 LOCATION OF WELL	PART 127	ACT 368, P.A	
County Township Name		Fraction	Section Number   Town Number   Range Number
Calhoun Sheridan		SW 1/2	NE 1/4 SW 1/4 36 T2 M/S R4 - M/W
Distance And Direction From Road Intersection		210 74	3 OWNER OF WELL
Distance And Direction From Adad Intersection			McGraw-Edien Company
325' North and 1360' East of the i	ntersec	tion	704 N. Clark Street
of Clark Street and Franklin Avenu			Address Albion, MI 49224
or crain beacet and remaining mone			1
Street Address & City of Well Location			Address Same As Well Location? 🔀 Yes 🗌 No
Locate with "X" in Section Below . Si	ketch Map:		4 WELL DEPTH: (completed) Date of Completion
			<b>48</b> ft. <b>10-17-84</b>
4 1 1 1		•	5 Cable tool Rotary Driven Dug
		•	I '
l E X		×	
Tell		^	6 USE: Domestic Type I Public Type III Public
X			Irrigation Type IIa Public Heat pump
			Test Well Type 11b Public F Purge we
	)		7 CASING Diameter Steel Threaded Height: Above/Below
FRANKLIN			Plastic Welded   Surface 5 ft.
i	THICKNESS	DEPTH TO	Plastic Welded Surface 5 ft.  43 ft. depth Weight 10.8/ft.
NO. 5 FORMATION DESCRIPTION	OF STRATUM	BOTTOM OF	in. to ft. depth
	5	J	Grouted Drill Hole Diameter
Brown dirty sand	9	9	
Diown dileg sand	ļ	<u> </u>	in. toit. depth
Brown fine to medium sand	6	15	8 SCREEN: Not Installed
BIOWN TIME to meatum sand		13	Type Stainless Diameter 4" P.S.
ь			Slot/Gause025" Length5'
Brown coarse sand to medium gravel	10	25	Set between 43 ft and 48 ft
· · · · · · · · · · · · · · · · · · ·			Set between
Brown fine to medium sand	3	28	
	<del>}</del>		Blank above screen ft Other Welded  9 STATIC WATER LEVEL:
Brown coarse wand sand to med. grav	nel 2	30	
Diowi codice Man Sund to ned. 914	<u> </u>		ft. below land surface Flow
77-71	,,	41	10 PUMPING LEVEL below land surface
Yellow silty clay	11	41	ft. after hrs. pumping at G.P.M.
			ft. after hrs_ pumping at G P M.
Brown fine to medium sand	7	48	W. arter In a particular of the
			11 WELL HEAD Pilless adapter 12° above grade
Yellow silty clay (stopped)	1	49	COMPLETION Basement offset Approved pit
	<del></del>		
	1		12 WELL GROUTED? No X Yes From 38 to 40 f
			Neat cement Sentonite Other
			Mear cement (2) Sentonite (1) Other
·			No. of pags of cement Add:tives
			13 Nearest source of possible contamination
			Type None Distance 50 ft Direction Any
Ri	CEIVE	)	Oracance Direction
Mich. Dep	of Publ	c Mealth	Well disinfected upon completion? X Yes No
		u moutin	14 PUMP
NO.	2 8 199	L1	Not installed L1 Pump installation Unity
No.	,	7	Manufacturer's name <u>Grundfos</u>
	↓ .		Model number <u>SP-27</u> HP <u>1/3</u> Volts <u>230</u>
Bureau of E			Length of Drop Pipe 42 ft. capacity 10 G.P.N
Оссирачег	al Health	ewçs	TYPE: Submersible Jet
			PRESSURE TANK:
		.577	Manufacturer's name
		)	
USE A 2ND SHEET IF NEEDED	L		Model number Capacity Galloi
15. Remarks, elevation, source of data, etc.	ومع الأمام اللاعور المال		R WELL CONTRACTOR'S CERTIFICATION:
10" x 4" gravel wall well			ell was drilled under my jurisdiction and this report is true lest of my knowledge and belief.
#1630 gravel from 40 to 48 feet			
			REGISTERED BUSINESS NAME REGISTRATION NO.
	·-	'A'COA.	REGISTERED BUSINESS NAME REGISTRATION NO.
	OV 13	1364 ress	P.O. Box 468, MIshawaka, IN 46544
	<u> </u>	Signed	Town HO ST. All Daie 11-1-89
7d (Rev. 10-80)			AUTHORIZED ASPRESENTATIVE

(Rev. 10-80)

GEOLOGICAL SURVEY NO. WATER			- PUBLIC HI JMP REC			
· · · · · · · · · · · · · · · · · · ·		ACT 368, P.A			PERMIT N	JMBER
1. LOCATION OF WELL County Township Name		Fraction	<del></del>	Section Number	Town Number	Range Number
Calhoun Sheridan			NE 1/4 SW1/4		<b>T2</b> //S	DA .
Distance And Direction From Road Intersection		74	3 OWNER OF		<b>7</b> 7/5	R4 Z/W
425' North and 1360' East of the	intonco	ation.		McGraw	v-Edison Co	mpany
i i		CLION	<b>4</b>	704 N.	. Clark Ste	eet
of Clark Street and Franklin Aven	ue		Address	Albion	, MI 49224	
į					•	
Street Address & City of Well Location				me As Well Location		
Locate with "X" in Section Below Sk	etch Map.			H. (completed)	, Date of Completic	ſ
			49	ft.	10-17-	
			5 Caple too	l 🛣 Rotary	Driven	Dug
			Hollow ro		Jetted	
₩		X	6 USE: Dom	estic Type II	Public -	Type III Public
ix	•		☐ Irriga	_	a Public 🔲 I	Heat pump
			Test	Well Type lit	Public 🗷	Purge well
	>		7 CASING. Diameter	Steel Thread	ed Height: About	√Below
FRANKLIN			Jiameter CS	Plastic Welded		
No francisco	THICKNESS	DEPTH TO	4 in. to	Plastic Welded	Weight 10.	
2 No. 6 FORMATION DESCRIPTION	OF STRATUM	BOTTOM OF STRATUM	in. to	ft. depth	vveigitt	103./11.
1			Gracied Drill	Hole Diameter	Drive Shoe	Yes
Brown distriction	8	8	į.	ft. depth	j -	X No
Brown dirty sand	-		8 SCREEN:	n. deptii		
Brown fine to medium sand	5	13		ainloce	∐ Not ins	
DIOWN TIME to medical band				ainless c	Diameter 4" P	•••
Brown medium to coarse sand	18	31			ength	
BIOWN Medium to coarse sand	10				andf	
Yellow silty clay	4	35		K-Packer		1
Tellow Silty Clay	4	35		ove screenf	t Other	Welded
Pur 64-1 - 414 - 114	,,	10	9 STATIC WATE	R LEVEL:		
Brown fine silty sand	11	46		ft, below land		Flow
n	,	40	10 PUMPING LE	VEL: below land sur	rface	
Brown fine to medium sand	3	49		t after hrs. p	oumping at	G P.M
	_	40.5	t	t. after hrs. p	pumping at	G.P.M.
Grey clay (stopped)	.5	49.5				
•			11 WELL HEAD COMPLETION	. Pitless ada	apter 12 at	oove grade
			COMITEETO	Basement	offset 🔀 Appro	ved pit
			12 WELL GROU	TED? No F	Yes From	10 47 11
P				_		
			Neat cen	nent 💂 Benton	nte 🗌 Other	
			No of bags of	of cement A	Additives	
				ce of possible contai		
			Type A	ione Distant	50 fr n	anu
		<del></del>	Type	Uistani	ce Direc	lion
R!	ECEIVE!	Ď	Well disinfect	ed upon completion?	X Yes	No
Mich. Depl		e Health	14 PUMP C	7 No. 1 1 1 1		######################################
			_	Not Installed	Pump Insta	mation Unity
	2-8 100	4		s nameGru		220
	] -			SP-27		
Bureau of 9	nvironna	miai and	Length of Dro	op Pipe <b>42</b>		
Occupation	l .		; <del>-</del>	Submersible		
		<del></del>	PRESSURE T			
·		99	Manufacturer	's name		
USE A 2ND SHEET IF NEEDED		7	Model numbe		Capacity	Gallons
15. Remarks, elevation, source of data, etc.	* ****	1		ACTOR'S CERTIFIC		
10" x 4" gravel wall well			II was drilled unde lest of my knowled	er my jurisdiction and Ige and belief	i mis report is true	
#1630 gravel from 41 to 49 feet				•	0	170
		<u></u>	UNC-NOITA REGISTERED BUSIN	ern Company	REGISTRATION	) NO.
NOV	1 7 7	CRAAddress		468, Mish		
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	<b></b>		C. 1	to Dr.	0,0 11	-1-50
		Signed .	Fray/	I CL IS WAY	Date //	1-07
067d (Rev. 10-80)			- AUTHORIZ	EU REPHESENTATIVE		

1 LOCATION OF WELL		PART 127	ACT 368. P.A	PERMIT NUM	MBER				
	unship Name <b>Sheridan</b>		Fraction SE 1/4	NW 1/4 SW 1/4 Section Number Town Number Ra	ange Number  R4				
Distance And Direction From Road Interse				3 OWNER OF WELL: Mc-Graw Edison Co	,				
210' North and 1200' E. of Clark Street and Fra		cersecti	.on	Address 704 N. Clark Stre					
	•	•		Albion, MI 49224					
Street Address & City of Well Location  Locate with "X" in Section Below	۷۶	etch Map.		Address Same As Well Location? Yes 1	40				
	<u>k</u>	eten map.		52 ft. 10-17-8					
h				5 Caple tool X Rotary Driven	Dug				
	Ņ			Hollow rod Auger Jetted	🗆				
T	Ų	٠	X		pe III Public				
					at pump <b>Purqe we</b>				
	FRANKLIN	$\Rightarrow$		7 CASING: X Steel Threaded Height: Above/8					
1 MILE	FRARELIN			Plastic Welded   Surface 5					
No. 3 FORMATION DESCRIP	TION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF	4 in. to 47 ft. depth Weight 10.8	. lbs /ft.				
		SINATUM	STRATUM		Yes				
Brown dirty sand		7	7	in. toft. depth	X No				
	-	10.5	12.5	8 SCREEN. Not Instal					
Brown fine to med. san	<u>a</u>	10.5	17.5	Type Stainless Diameter 4" PS	<del></del>				
Brown fine sand to med.	ium gravel	14.5	32	Siot/Gause Length					
				Set between 47 ft. and 52 ft.  FITTINGS K-Packer Lead Packer Brer	ner Check				
Yellow silty clay		8	40	Blank above screenft Other We					
Proven fine gilte gand		3	43	9 STATIC WATER LEVEL	<b>-</b>				
Brown fine silty sand		, ,	43	ft. below land surface	Flow				
Granite boulder		1	44	ft. after hrs. pumping at G	0.11				
		_		ft. after hrs. pumping at G					
Brown fine to medium s	and	8	52						
Yellow silty clay (sto	pped)	.5	52.5	2.5   11 WELL HEAD   Pitless adapter   12 above grade					
				12 WELL GROUTED? No X Yes From 42	, to <u>44</u> ft				
				Neat cement 📝 Bentonite 🗌 Other					
	·			No. of bags of cement Additives					
				13 Nearest source of possible contamination					
				Type None Distance 50 ft. Directio	n Any				
	RECEIV	I I		Well disinfected upon completion? 😿 Yes 🗌 No	,				
	Mich. Dept. of Pu	blic Realt	i.	14 PUMP: Not Installed Pump Installa	ition Only				
	MOV 2 8 1	584		Manufacturer's nameGrundfos					
	1.31 = 0 =			Model number					
	ureau of Environr	, ,	<del>!</del>	Length of Drop Pipe <u>45</u> ft. capacity <u>10</u> TYPE:  Submersible  Jet					
··	Occupational Heal	ra - GWQS		PRESSURE TANK.					
		$ \cdots \pi \gamma $	l	Manufacturer's name					
USE A 2ND SHEET IF NEED  15. Remarks, elevation, source of dat			16 WATER	Model number Capacity  R WELL CONTRACTOR'S CERTIFICATION:	Gallons				
10" x 4" Gravel wall w		· Go Territoria	This we	Il was drilled under my jurisdiction and this report is true					
#1630 gravel 44' to 52				est of my knowledge and belief.	50				
		į		REGISTERED BUSINESS NAME REGISTRATION N					
	NOV 1	3 1984	Address	P.O. Box 468, Mishawaka, IN 4	6544				
			Signed ,	The Hal Staplane 11-	-1-09				
67d (Rev. 10-80)				C AUTHORIZED REPRESENTATIVE					

GEOLOGICAL SURVEY NO	WATER		-	JMP RECO	ORD -	PERMIT N	UMBER		
1 LOCATION OF WELL		PART 127	ACT 368. P.A	· · · · · · · · · · · · · · · · · · ·	·				
County Calhoun	Township Name Sheridan		Fraction SE 1/2	NW 1/4 SW1/4	ection Number <b>36</b>	Town Number	Range Number		
Distance And Direction From Road Int			DD 7/4	3 OWNER OF V	VELL:				
275' North and 1300' of Franklin Avenue a	East of the in		ion	Address	<i>MC-GI</i> 704 N	aw Edison C L. Clark Str On, MI 49224	reet		
Street Address & City of Well Location				Address Sam	e As Well Locati	on? 🔀 Yes 🗆	] No		
Locate with "X" in Section Below	Sk	etch Map		4 WELL DEPTH	(completed)				
W	4 6		x	50  Cable tool Hollow rod 6 USE: Oome Irrigati Test V 7 CASING	Auger Stic Type on Type Vell Type	y Driven T Jetted I Public  Ila Public	Dug Type III Public Heat pump Purge wel		
MILE -	FRANKLIN	<del>, , , , , , , , , , , , , , , , , , , </del>			Plastic 🔲 Welde	ed   Surface			
2 No. 4 FORMATION DESC	RIPTION:	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM	Grouted Drill I	ft. depth ft. depth lole Diameter	Weight <u>10</u>			
Brown dirty sand	il	9	9		ft depth		□ <b>x</b> No		
Brown fine to medi	um sand	3	12		nless	Not In			
Brown medium to co	arse sand	12	24	Siot/Gause	.025"	Length			
Brown medium sand	to medium grave	1 5	29	Blank abo	ve screen	Lead Packer			
Yellow silty clay		7	36	9 STATIC WATER			☐ Flow		
Brown fine silty s	and	3	39	10 PUMPING LEV	ft. below land s	urface ,			
Bronw fine to medi		4	43	ft_afterhrs_pumping atG.P.M					
Boulder		1	44	11 WELL HEAD COMPLETION	Basemer	. =	bove grade oved pit		
D 61		2	46	12 WELL GROUT	ED? No	x Yes From _40	to <u>42</u> ft		
Bronw fine smmd (t	igne)	2	40	☐ Neat cem	ent 😧 Bento	onite Other_			
Brown medium to co	parse sand	4	50	No. of bags of	cement	Additives			
Yellow clay (stopp	ped)	1	51		e of possible cont	ramination ince <u>50</u> ft. Dire	ction Any		
	•			Well disinfecte	d upon completio	n? 🗽 Yes 🗌	No		
	. Mich. L	RECEIV		14 PUMP	Not installed	Pump Insi	allation Only		
	ß	OV 2 8	1904	Model number	SP-27	HP V ft. capacity			
		of Environ tional Hea		TYPE PRESSURE TA	Submersible				
USE A 2ND SHEET IF	NEEDED		<b></b>	Model number		Capacity	Gallon		
15. Remarks, elevation, source of 10" x 4" gravel wa	ill well	in Distriction (Control of Control  ment This we	R WELL CONTRA II was drilled under est of my knowledg	my jurisdiction ar	ICATION: nd this report is true				
#1630 gravel 42 to	) 50'			ne-Northe		REGISTRATIO	50 IN NO.		
	NOV	مير و ي		P.O. Box	468, Mish	nawaka, IN 4			
D67d (Rev 10-80)	NOV	1 3 19	Signed Signed	AUTHORIZE	D REPRESENTATIVE	La Jose 11	-1-09		

GEOLÓGICAL SURVEY NO WATER WELL AND PUMP RECORD \_ PART 127 ACT 368, P.A. 1978 " LOCATION OF WELL Section Number Townshio Name Range Number Town Number R4 SE 1/4 NW 1/4 SW1/4 Sheridan Calhoun ₽**7**W Distance And Direction From Road Intersection 3 OWNER OF WELL: McGraw-Edison Company 50' North and 1150' East of the intersection 704 N. Clark Street Address of Clark Street and Franklin Albion, MI 49224 Address Same As Well Location? Yes No Street Address & City of Well Location Locate with "X" in Section Below 4 WELL DEPTH: (completed) Date of Completion Sketch Man: 10-17-84 49 5 Cable tool Rotary Driven Dug Hollow rod \_\_\_ Jetted Auger 6 USE Domestic Type I Public Type III Public Heat pump Х Type IIa Public ☐ Irrigation Test Well Type IIb Public X Purge Well CASING: Steel Threaded Height: Audve/Below FRANKLIN Plastic Welded

4 in. to 44 ft. depth Surface \_\_\_\_5 ft. THICKNESS DEPTH TO Weight 10.8 lbs /ft No. I FORMATION DESCRIPTION BOTTOM OF OF STRATUM \_\_\_\_ in to \_\_\_\_\_ ft. depth Grouted Drill Hole Diameter

10 in to 50 ft. deoth X No 9 Brown sand Not Installed 15 24 Brown fine to med. sand Type <u>Stainless</u> Slot/Gauze \_\_\_\_.025" Brown coarse sand to fine gravel 32 Set between 44 tt. and 49 ft.

FITTINGS: K-Packer Lead Packer Bremer Check 5 37 Yellow silty clay Blank above screen \_ Other <u>Welded</u> 9 STATIC WATER LEVEL 3 40 Brown fine silty sand \_ ft\_below land surface 10 PUMPING LEVEL: below land surface 9.5 49.5 Brown fine to medium sand \_\_ft. after \_\_\_\_\_ hrs. pumping at \_\_\_\_ \_\_\_\_\_ft\_after \_\_\_\_\_hrs. pumping ar \_\_\_\_\_\_GPM 50 Yellow silty clay (stopped) 11 WELL HEAD Pitless adapte: 12° above grade 🔲 Basement offset 💮 🔀 Approved pit 12 WELL GROUTED? No x Yes From 41 to 39 ft. Bentonite Other \_\_\_ Neat cement No of bags of cement \_\_\_\_ \_\_\_\_ Additives \_ 13 Nearest source of possible contamination Type None Distance 50 ft. Direction Any RECEIVED Well disinfected upon completion? 👿 Yes 🗌 No Mich, Dept. of Public Banks Not installed Pump installation Only NOV 2 8 1964 Manufacturer's name \_Grunfos\_ Model number  $\underline{Sp}$  2 + 2 HP  $\underline{1/2}$  Volts  $\underline{230}$ Bureau of Environmental and Length of Drop Proe 42 \_\_ ft. capacity \_\_\_\_\_ **10**\_\_\_ G P.M. Occupational Health - GWOS Submersible \_\_\_\_ Jet \_\_\_\_\_ PRESSURE TANK Manufacturer's name \_\_ 1250 USE A 2ND SHEET IF NEEDED Model number . 15. Remarks, elevation, source of data, etc. 16. WATER WELL CONTRACTOR'S CERTIFICATION: This well was drilled under my jurisdiction and this report is true 10" x 4" Gravel Wall Well to the best of my knowledge and belief. ### #1630 gravel 41' to 49' Layne-Northern Company NOV 1 3 1984 (Rev. 10-80)

MICHIGAN DEPARTMENT OF PUBLIC HEALTH

	VVAIEN		ACT 368, P.A.	. 1978		PERMIT	UMBER			
1 LOCATION OF WELL County	Township Name		Fraction		Section Number	Town Number	Range Numb	oer .		
Calhoun	Sheridan		SE 1/4 l	NW 1/4 SW 1/4	36	T2 1/S	R4	<b>2</b> /W		
Distance And Direction From Road In: 150' North and 1150 of <b>KINAXK</b> Clark Stre	' East of the in		lon	3 OWNER OF	Mc-Gra 704 N	aw Edison . Clark St n, MI 4922	reet	j		
Channel Address C. Cir E MA-III I	,			Aggreen Say	me As Well Location		□ No			
Street Address & City of Well Location  Locate with "X" in Section Below		etch Map:		4 WELL DEPTH		Date of Comple				
	7			50	ft.	10-17	-84			
	Ŋ			5 Caple too	ad Auger	Jetted				
¥	I	•	×	6 USE Dome	tion Type IIa	a Public	] Type III Public ] Heat pump ] <b>Purge</b>			
1 MILE	FRANKLIN	0		7 CASING Diameter	Steel Thread	ed Height A <del>bo</del>	<del></del>	<u> </u>		
No. 2 FORMATION DESC	CRIPTION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM	an. to	ft. depth	Weight	0.8 <sub>bs./ft.</sub>			
Brown sand		9	9	in 10	Hole Diameter ft. depth	Drive Shoe   	<b>Й</b> No			
Brown fine to med.	sand	22.5	31.5	Type Sta		Not I.  Not I.  Not I.	nstalled P.S.	·		
Yellow silty clay		5.5	37		025" t	ength5 '				
Brown fine sand		2.5	39.5		X-Packer Ove screenf		Bremer Check Welded			
Yellow silt		2.5	42	38			Fiow			
Brown fine to med.	sand	1	43		it after hrs. :		G P.M.			
Yellow siltstone		2	45	ft_afterhrs_bumbing at G P.M.						
Brown fine to med.	sand	5.5	50.5	1	Basement	offset X Apo	above grade roved pit			
Pink granite bould	er	1.5	52	12 WELL GROU	No [	Yes From				
Grey siltstone (st	opped)	1	53		of cement	Aaditives				
					ce of possible conta		_			
	RECEIV			Type <b>No</b> :	ne Distan	ice <u>50 ft.</u> Dire	ection <u>Any</u>			
	Mich. Dept. of Pu	ļ <u>-</u>	ì		ed upon completion:	? Yes	] No			
	MOV 281	904		Manufacturer	Not Installed it's name	dfos	stallation Only	<u></u>		
	Bureau of Environs Occupational Heal		!		er <u>SP-27</u> oo Pioe <u>43</u>			 i.P.M.		
				TYPE PRESSURE T	ANK:	Jet				
				1	r's name					
15. Remarks. elevation. source of 10" x 4" gravel wa #1630 gravel 42' to	data. etc. 11 well		16. WATEF		ACTOR'S CERTIFIC			allons		
50' to 53' backfil pellets for grout	led with benton	i 1° 3 19		REGISTERED BUSIN	ern Company ess NAME ox 468, Mis	REGISTRATI	-	<u> </u>		
D67d (Rev. 10:80)			Signea	AUTHORIZ	FO REPRESENTATIVE	Cafibrie	11-1-0	54		

GEOLOGICAL SURVEY NO. WATER WELL AND PUMP RECORD PERMIT NUMBER PART 127\_ACT 368, P.A. 1978 LOCATION OF WELL Section Number Town Number Township Name Range Number Calhoun Sheridan 36 NW 1/4 NE 1/4 SW 1/4 Distance And Direction From Road Intersection 3 OWNER OF WELL: Mc-Graw Edison Company 530' North and 1360' East of the intersection 704 N. Clark Street of Franklin Avenue and Clark Street Address Albion, MI 49224 Address Same As Well Location? 🔀 Yes 🔲 No Street Address & City of Well Location Locate with X in Section Below WELL DEPTH: (completed) Date of Completion Sketch Man: 10-17-84 5 Cable tool X Rotary Driven Dug Auger 🗌 Hollow rod \_\_\_ Jetted 6 USE: Domestic Type | Public Type III Public Irrigation Type IIa Public Heat pump Test Well Type IIb Public x Purge well FRANKLIN CASING Steel Threaded Height: Above/Below Plastic Welded Surface 3 ft. 4 in. to 38 ft. depth THICKNESS DEPTH TO BOTTOM OF STRATUM No. 7FORMATION DESCRIPTION \_\_\_\_\_\_ft. depth Grouted Drill Hole Diameter OF STRATUM Drive Shoe Yes X No Brown dirty sand Not Installed Brown fine to coarse sand 20 28 Stainless Diameter 4" P.S. Slot/Gaure \_\_\_\_\_\_ Length \_\_\_\_\_\_ Brown coarse sand to fine gravel 29 ft. and \_\_\_\_\_\_ft. FITTINGS. K-Packer Lead Packer Bremer Check Yellow silfy clay 36 Blank above screen \_\_\_\_\_ ft. Other \_\_\_\_Welded 9 STATIC WATER LEVEL Bronw fine to coarse mand 42.5 6.5 ft. below land surface 10 PUMPING LEVEL: below land surface Yellow silty clay (stopped) 43 \_ ft. after \_\_\_\_\_ hrs. pumping at \_\_\_\_\_ GPM ft, after \_\_\_\_\_ hrs. pumping at \_\_\_\_\_ G P.M 11 WELL HEAD 12 above grade Pitless adapter COMPLETION Basement offset Approved pit 12 WELL GROUTED? No Yes From 33 to 35 ft Bentonite . Other \_\_\_ Neat cement No. of bags of cement \_\_\_\_\_ Additives 13 Nearest source of possible contamination RECEIVED Type none Distance 50 ft. Direction any Mich. Dept. of Public Health MOM 2 8 1904 Pump Installation Only Not installed \*Manufacturer's name \_\_\_\_ Bureau of Environmental and Model number \_\_\_\_\_ Occupational Health · GWOS Length of Drop Pipe \_ ft. capacity \_\_\_\_\_\_ G.P.M. Submersible Jet \_\_ PRESSURE TANK Manufacturer's name \_ USE A 2ND SHEET IF NEEDED Model number 16. WATER WELL CONTRACTOR'S CERTIFICATION: 15. Remarks, elevation, source of data, etc. This well was drilled under my jurisdiction and this report is true 10" x 4" Gravel wall well to the best of my knowledge and belief. #1630 gravel 35 to 43 feet. Layne-Northern Company Well did not produce adequate water, REGISTERED BUSINESS NAME REGISTRATION NO Filled with concrete to 3 feet and Maried 3 P.O. Box 468 (Rev 10-80) D67d

MICHIGAN DEPARTMENT OF PUBLIC HEALTH

MICHIGAN DEPARTMENT OF PUBLIC HEALTH

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ATER	<b>WELL AND</b>	DITME	REC	<b>OBD</b>			_  L	·  -				i
~ · L · ·	WELL AILD	I OIVII	ILC	OND		P	ERN	AIT I	VU	MB	ER	
-	PART 127 ACT 368	3. P.A. 1978				4	•					

1 LOCATION OF WELL		FAN : 127	AC1 308. F.A	. 1978	•	344	·- ·-
County Tov	wnship <sub>"Name</sub> <b>Sheridan</b>		Fraction 1/4	NE 1/4 SW1/4	Section Number <b>36</b> ,	Town Number	Range Number
Distance And Direction From Road Inters	ection		/4	3 OWNER OF		-Edison Co	
640' North and 136' 1	East of the in	tersect	ion			. Clark Sti	
of Franklin Avenue and (	į.	-		Address	Albio	a, MI 49224	!
Street Address & City of Well Location					ne As Well Location		
Locate with 'X' in Section Below	Sk •	etch Map:			d: (completed)	Date of Complet	
	Δ			45			<del></del>
	N)		X	5 Cable too		=	☐ Dug
w	7			6 USE Dom			Type III Public
	Ų	•		Irriga		=	Heat pump
				Test.	_		Purge well
				7 CASING.	Steel Thread		■∠Below
I MILE	ANKLIN	, <u></u>			Plastic Welded	Surface	<u>5</u> ft.
2 No. 8 FORMATION DESCRI	PTION	THICKNESS	DEPTH TO BOTTOM OF		ft. depth	Weight	L <b>O -8</b> 15s./ft.
		STRATUM	STRATUM	Grautea Drill	ft. depth	i	
5-401					Hole Diameter 46 ft. depth	Drive Shoe	Yes Yes
AND XXII CHARLES XX CHARLES AND XX C				8 SCREEN:	ft. depth		
Brown dirty sand		7	7	1		☐ Not In	
Blown dilty Sand			,		tainless of .025"		
Brown medium to coarse	sand	16	23		40ft.	.engin	
					K-Packer		
Brown fine filty sand	1	4	27	☐ Blank ab	ove screenf		
				9 STATIC WATE			· _ ·
Brown coarse sand to m	edium gravel	11	28		ft. below land		Flow
v-11			20		VEL. below land su		
Yellow silty clay		11	39		t. after hrs. p	-	
Brown fine to medium sa	and	6	45		t. after hrs. p	oumping at	_ G.P.M
STOWN TANK TO ME GET AM DE	<u> </u>			11 WELL HEAD	. Pitless ad	apter 12° a	bove grade
Red silty		.5	45.5	COMPLETION	·	offset X Appr	
•				12 WELL GROU	TED' No [	Yes From3	5 to <b>3.7</b> ft.
Geey clay (stopped)		.5	46		🗆	ute Other _	•
				☐ Neat cer	nent 🔀 Bentor	inte [ ] Other _	
	•	-		···	of cement/		
				Ì	·		. 7000
	· .			Type <b>N</b>	one Distan	ce <u>Jone</u> Dire	ction Aug
				Well disinfect	ed upon completion?	Yes 🗌	No
	RE(	EIVED	U salith	14 PUMP	Not installed	Pump Inst	allation Only
	Mich. Dept.	<del></del>		Manufacturer	's name 'Grun	dfos	
	MOM	2 8 1984			srSP-19		olts <b>230</b>
<del></del>	. IWUV			Length of Dro	op Pipe <u>       38     </u>	ft. capacity	<b>5</b> G.P.M
	Bureau of Er	vironmen	ta! and	1	Submersible		
<del></del>	Occupationa	Health-	ewes	PRESSURE T. Manufacturer	ANK: 's name		
USE A 2ND SHEET IF NEE				Model numbe		Capacity	Gallon
15. Remarks, elevation, source of da	ta etc			R WELL CONTR.	ACTOR'S CERTIFIC	CATION:	Gallon
	Cambo	و يونون د الله	This we		r my jurisdiction and		
10" x 4" gravel wall wall wall wall wall wall wall wa	,1		_		_	^	
#1030 GLAVEL LIOM 3/ E	) 40 TEEL		$-L_{i}$	<i>ayne-North</i> REGISTERED BUSIN	<u>ern Compani</u> ESS NAME	REGISTRATIO	) V U
		. ]	Address		x 468, Mish		
	<b>1</b>	OV 1 3	. 400a	Fra. IL	D Brak	7. /	1-1-8
067d s (Rev. 10.80)		01 1 9		AUTHORIZ	ED REPRESENTATIVE	Date	, , ,

Section No.   Town	LOCATION OF WELL	Clare	_ACT 294 _& <b>&gt;&lt; €</b>		ESIL	36	PUBLIC	HEALTH 2
Address & City of Well Location  2 FORMATION  THICKNESS STRATUM  SUBJECT  STRATUM  SUBJECT  STRATUM  SUBJECT  STRATUM  SUBJECT  STRATUM  SUBJECT  STRATUM  SUBJECT  STRATUM  SUBJECT  STRATUM  SUBJECT  STRATUM  SUBJECT  STRATUM  SUBJECT  STRATUM  SUBJECT  STRATUM  SUBJECT  S		Twp:	-		w.N/h/	Section No.	Town 2	Range -
Address & City of Well Location  2 FORMATION  TNICKNESS STRATUM  S	istance And Direction from Road	Rersections	\	100000	3 OWNER	OF WELL:	1 .	1 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
Street address & City of Well Location  2 FORMATION  THICKNESS STRATUM  TO STRATUM  THICKNESS STRATUM  TO STRATUM  To STRATUM  The Statum Composition  To STRATUM	NW Corner of	Heworgh	OWNER NO. Z	mord		Horr	den M	Ertin
THICKRESS   SEPTIN TO STRATUM   ST	and EATH	roal	- 1 2		Address	11/1		ر مرکبار بر
STRATUM  STRATUM  STRATUM  STRATUM  STRATUM  STRATUM  STRATUM  STRATUM  STRATUM  STRATUM  STRATUM  STRATUM  STRATUM  STRATUM  SUBJECT  Model   Model	treet address & City of Well Locat	ion			9	5/11	1900	
STRATUM  SUBJECT  STRATUM  SUBJECT  STRATUM  SUBJECT  STRATUM  SUBJECT  STRATUM  SUBJECT  SUB	PORMATIC	)N	OF	BOTTOM OF	4 WELL D		red) Date of Co	mpletion
Sandy Clay   Guster   Domestic			STRATUM	STRATUM	5 17/2			
Sand rocks   San	$S_{\alpha} \mathcal{A}$	10-	7	7				
Irrigation   Air Conditionin   Test Well	i de	ceary			<del></del>			
Test Well   Test	Ston	00	3	(10)				
Diam.   New New New New New New New New New New		7 . 0	000	0//		Test Well		
In, to	Sand	rock	00	75	7 CASING	Threaded 🗌	Welded 🔲 Heigh	t: Above/Below
in. to ft. Depth   Dri- 8 SCREN: Type:	** <sub>N</sub>	. '		Ì	<i>4</i> in. ∫	to <b>29</b> ft.	Depth surfac	:eft.
8 SCREEN: Type:				<del> </del>		) !	Weigh	1
Type:							Depth   Drive	Shoe? Yes No
Slot/Gauze	<del></del>			1			non!	•
Set betweenft. andftitings:  9 STATIC WATER LEVELft. below land surface 10 PUMPING LEVEL below land surface 20								
Fittings:  9 STATIC WATER LEVEL							-	
9 STATIC WATER LEVEL	<del></del>				Set betw	reenft.	andft.	
10 PUMPING LEVEL below land surface   10 PUMPING LEVEL below land surface   20 ft. after	•				Fittings	:		
10 PUMPING LEVEL below land surface   20 ft. after	·			· ·	9 574716	WATER LEVEL		<del> </del>
10 PUMPING LEYEL below land surface								
	· · · · · · · · · · · · · · · · · · ·							· .
					_2	2_ft. after_Z	hrs. pumping	33 g.p.m.
11 WATER QUALITY in Parts Per Million:			}					g.p.m.
Iron (Fe) Chlorides (CI)_   Hardness				<del> </del>				
Hardness    12 WELL HEAD COMPLETION:   In Apple   Pitless Adapter   12" A   13 GROUTING:   Well Grouted?   Yes   No   Material:   Neat Cement   Depth: Fromft. toft.     14 SANITARY:   Nearest Source of possible contamination   Well disinfected upon completion   Yes   Yes   Yes   No   Yes   Ye		•						Inperoc
12 WELL HEAD GOMPLETION:   In Apple   In A								
Pitless Adapter   12" A   13 GROUTING:   Well Grouted?   Yes   No   Material:   Neat Cement   Depth: Fromft. toft.     14 SANITARY:   Nearest Source of possible contamination   Well disinfected upon completion   Yes   Yes   Direction		-,					• ·	<u> </u>
13 GROUTING:   Well Grouted?   Yes   No   Material:   Neat Cement   Depth: Fromft. toft.     14 SANITARY:   Nearest Source of possible contamination   Well disinfected upon completion   Yes   Yes   No   Material:   Nearest Source of possible contamination   Yes   Yes   Nearest Source of possible contamination   Yes   Nearest Source of possible contamination   Yes					12 WELL H	EAD COMPLET	_	
Well Grouted? Yes No  Material: Neat Cement Depth: Fromft. toft.  14 SANITARY: Nearest Source of possible contamination  Well disinfected upon completion Yes  Well disinfected upon completion Yes  15 PUMP: Manufacturer's Name  Model Number  Length of Drop Pipe 20 ft. capacity.  Type: Submersible Depth Recipro  Remarks, elevation, source of data, etc.  17 WATER WELL CONTRACTOR'S CERTIFICATION: This well was drilled under my jurisdiction and this second				<u> </u>	12		er 12'' Abo	ove Grade
Material: Neat Cement Depth: Fromft. toft.  14 SANITARY: Nearest Source of possible contamination  Well disinfected upon completion Yell distinfected upon completion Yell d					13 GROUTI	NG: outed? ☐ Yes	ZI No	•
14 SANITARY: Nearest Source of possible contamination  8				<del>                                     </del>				
Nearest Source of possible contamination  Well disinfected upon completion  Well disinfected upon completion  Yell disinfected upon completion  Model Number  And Hong the Completion  Type:  Submersible  Jet  Recipro  Recipro  Remarks, elevation, source of data, etc.  17 WATER WELL CONTRACTOR'S CERTIFICATION:  This well was drilled under my jurisdiction and this relationships.					Depth:	Fromft. to	ft.	
Well disinfected upon completion  Well disinfected upon completion  Yell  Model Number					14 SANITA	RY:		
Well disinfected upon completion  Type:    Manufacturer's Name   M								L
15 PUMP:   Manufacturer's Name   Manufacturer's Name   Model Number   0.5 H   O			}		_	•		Type
Manufacturer's Name Added Model Number 105 H 1 2 Length of Drop Pipe 20 ft. capacity.  Type: Submersible						infected upon co	mpletion Yes	∐ No
Model Number 15 H   Length of Drop Pipe 20 ft. capacity.  Type: Submersible   Submersible   Recipro   Length of Drop Pipe 20 ft. capacity.  Type: Submersible   Recipro   Length of Drop Pipe 20 ft. capacity.  Type: Submersible   Recipro   Length of Drop Pipe 20 ft. capacity.  Type: Submersible   Recipro   Length of Drop Pipe 20 ft. capacity.  Type: Submersible   Recipro   Length of Drop Pipe 20 ft. capacity.  Type: Submersible   Length of Drop Pipe 20 ft. capacity.  Type: Submersible   Length of Drop Pipe 20 ft. capacity.  Type: Submersible   Length of Drop Pipe 20 ft. capacity.  Type: Submersible   Length of Drop Pipe 20 ft. capacity.  Type: Submersible   Length of Drop Pipe 20 ft. capacity.  Type: Submersible   Length of Drop Pipe 20 ft. capacity.						hurar'a Na	Desten	Burk &
Length of Drop Pipe 20 ft. capacity.  Type: Submersible   950   Jet   Recipro  Remarks, elevation, source of data, etc.  Remarks, elevation, source of data, etc.  This well was drilled under my jurisdiction and this.					Ĭ	, , , , ,	HIO HÉ	
Type: Submersible	<u> </u>						ft. capacity	2.5 G.P.M.
6 Remarks, elevation, source of data, etc.  17 WATER WELL CONTRACTOR'S CERTIFICATION: This well was drilled under my jurisdiction and this.			1-1			<del></del>	<u> </u>	·
This well was drilled under my jurisdiction and this			IE/		ַ ַ ַ		Reciproce	ating
	Remarks, elevation, source of d	ata, etc.	•					
	40050 '650, 5Y 338858, 1734	رفقة		to the be	ı was drilled st of my kno	under my jurisd wiedge and beij	iction and this rep	OUT IS ITUE
Leman Valillarle	THE RESERVE OF THE PARTY OF THE	<del>متهد</del>		YIM	rand	Vall.	felke,	0404
REGISTERED BUSINESS NAME:	<pre><pre><pre><pre><pre></pre></pre></pre><pre></pre></pre></pre>			Y SOUR	EGISTERED BU	SINESS NAME		EGISTRATION NO.
Address / I frene				Address	1451	( )	renef	Dor
Signed A Darre Date	** TION AY:			S:	11/1	Burch	I All	9/28-6

GEOLOGICAL SURVEY SAMPLE No.

MICHIGAN DEPARTMENT OF PUBLIC HEALTH

## WATER WELL AND PUMP RECORD

PER	MIT	NL	JMI	BER			•
	1	3	1	9	,	(//	1
 - 205	Tů.	<b>7</b>					

1 LOCATION OF WELL	e e							
County	Township Name		Fraction		Section Number	Town Number	Range Number	
Calhoun	Maion 6	Lity	SW1/4	SWYANW V4	36	25 N/S	4:07 E/	w
Distance And Direction From Road In	tersection	<del></del>		3 OWNER OF V	WELL:			T
NE corn	er of Clark S	Street	and		Dori	ne Derr		
North S				Address		N. Clark		
						on,_Michi	can 402	2.4
Street Address & City of Well Locatio	In			Address San	ـدنـد.≎ ne As Well Locati			24
Locate with "X" in Section Below		nêtch Map:		4 WELL DEPTH:	15 . 6			
	$f = \int \int \int \int \int \int \int \int \int \int \int \int \int \int \int \int \int \int $	7		120 FT.	I MO I DAY	ed New We	/H	
		1 .			<del></del>	891 - Replacer		
▮ ┝╼╡╼╡╾╌╾┪		X		5 Cable tool	_	_	∐Dug	
				Hollow roo		Jetted	U	
["  <del>`</del>     <del></del>	Vais-			6 USE: Dome	stic Type	Public	Type III Public	
	5:	1	100	lrrigat	tion 🔲 Type	lla Public	Heat pump	
	•	C16	111 Si	Test \	Well Type	llb Public	·	
		1		7 CASING: Diameter	Steel  Threa	ded Height: Abov	re/ <del>Below</del>	
1 MILE				_	Plastic     Welde	ed   Surface	f•	
		THICKNESS	DEPTH TO	in. to	60 ft. depth			ļ
2 FORMATION DESC	RIPTION	OF STRATUM	BOTTOM OF STRATUM	in. to	ft. depth	Weight   Shh トミ	FOOT	
				Growted Drill	Hole Diameter ft. depth	Drive Shoe	Yes	j
BROWN	CLAY	6	6	in to	ft. depth	. i	□ No	
	· · · · · · · · · · · · · · · · · · ·			8 SCREEN:	n. deptii		stalled	
GRAVEL		32	32					
		-				Diameter		-1
Shnle		4	42	Slot/Gauze		Length		<u></u> .
3/// X/2	···	·	7			t. and		
SANDROCKYS	-1-1-	~~	74	FITTINGS: L	K-Packer	Lead Packer	Bremer Check	
	カルトに	32	/ 7		ve screen	ft. Other		
SANdROCH	. 4	112	170	9 STATIC WATER	R LEVEL:		_	
SH NAROUT		46	120	47	ft. below land		Flow	_
		1 1			/EL: below land s			ł
				54 ft	. after hrs.	pumping at 30	5 G.P.Μ.	ı
						pumping at		
		[ [				, , , , , , , , , , , , , , , , , , ,		
-				11 WELL HEAD	A Pitless a	dapter 12 a	above grade	
	•	ł		COMPLETION	Basemer	t offset Appr	oved pit	
				12 WELL GROUT	ED?	PYes From	, 47	
					140	P res From	10	11.
	- · · · · · · · · · · · · · · · · · · ·			☐ Neat cem	ent Bento	onite Other _		
	1 10 1			No. of heart of				
				No. of bags of	e of possible cont	Additives		-
		l		Type <u>S/F/J</u>	Tic Dista	<i>/- /</i> / .		
		<del> </del>	****	1				-
				i	upon completion?	Yes UN		
<u> </u>				Was old well ple	uggea?	└ Yes	lo	$\dashv$
·	"Hon	5		14 PUMP:	Not Installed	<del></del> ;	tallation Only	
	- 10h	C.C.	·	Manufacturer:	s name6	outd?		_
		Pi or	ED	Model number	10FTCK42	Z HP V	olts 230	_
		Pale	Public	Length of Dro	p Pipe 64	ft. capacity	10 G.P.I	м.
	Portion	12	Oc. Hear	TA TYPE:	Submersible	☐ Jet		- 1
	್ಲಿ ಅವರ ರಾ	4	990	PRESSURE TA	NK:			_
	"Datin.	Wiro-	<del>-</del>	Manufacturer's	s name	レたムム VT	e1, L	_
USE A 2ND SHEET IF	NEEDED	al Haning	77t~ .	Model number	WXZOZ	Capacity  CATION:  Id this report is true  CALLIAGORE  REGISTRATIC	42_Gallo	ons
15. Remarks, elevation, source of	data, etc.		CIG. WATER	WELL CONTRA	CTOR'S CERTIF	ICATION:		
			Ogis we	II was drilled under	my jurisdiction ar	d this report is true		
		. ]	to the b	est of my knowledg	ge and belief.	<b>6</b> '		
	•		SIEDA	MAN9SO	no WELL	Dollling	1559	_
17 Rig Operator's Name:			••••	REGISTERED BUSINE		REGISTRATIO	IN NO.	
17. Rig Operator's Name:			Address	23788 U	LAPILIT. NOP.	Th Sporingly	m. MICH	
			.61	William	Dinalan	5	-2329	
D67d 12/85			'Signed .	AUTHORIZE	O REPRESENTATIVE	Date	<del></del>	_

Authority: Completion: Penalty:

Act 368 PA 1978
Required
Conviction of a violation
of any provision is a
misdemeanor.

	L			
<u> </u>	<b>翻</b> 取 医到现	WATER \	WELL REC	55 * OF
1 LOCATION OF WELL		$\mathcal{A}$		PUBLIC HEALTH
Lackson	Township Name	الرجب	Fraction	ENFA
Distance And Direction from Road I	ntersections	Lond	<del></del>	3 OWNER OF WELL:
I mile, west a	and the	don	(N/E	Lugene Sochine
0 40				of alter
Street address & City of Well Locat Locate with "X" in section belo		ch Map:	<del></del>	4 WELL DEPTH: (completed) Date of Completion
KIII				120 ft. Oct 1
				5 Cable tool Rotary Driven Dug
				Hollow rod
				Irrigation   Air Conditioning   Commercial
	•			Test Well
1 MILE	•			7 CASING: Threaded Welded Height: Above/Below Surfaceft.
		THICKNESS	DEPTH TO BOTTOM OF	4/ in, to 25t. Depth Weight // lbs./ft.
2 FORMATION	· · · · · · · · · · · · · · · · · · ·	STRATUM	STRATUM	in. toft. Depth   Drive Shoe? Yes No
$1 \leq 1 \leq 1 \leq 1$			?	8 SCREEN:
24 / 1	4	17		Type: Dia.: Slot/Gauze Length
Dinty Ur	-ave/	6/	70	Set betweenft. andft.
n + C	d Rock	37	107	Fittings:
Di Jan	2 /			9 STATIC WATER LEVEL
Sand 19	ock	13	120	ft. below land surface
				10 PUMPING LEVEL below land surface  60 ft. after 2 hrs. pumping 30 g.p.m.
				n. arter g.p.m.
	1			ft. after hrs. pumpingg.p.m.
:			·	11 WATER QUALITY in Parts Per Million:    Iron (Fe) Chlorides (CI)
·.	· · · · · · · · · · · · · · · · · · ·	-		Chibrides (Ci)
				HardnessOther
allere and a second a second and			12 WELL HEAD COMPLETION: in Approved Pit Pitless Adapter 12" Above Grade	
		<del>                                     </del>		13 Well Grouted? Yes No
				Neat Cement Bentonite
				Depth: Fromft. toft./
				feet N Direction Type
·				Well disinfected upon completion Yes No
	i.			15 PUMP: Not installed
				Manufacturer's Name HP Volts
			_	Length of Drop Pipeft. capacityG.P.M.
				Type: Submersible
	ч			Jet Reciprocating
USE A 2ND SHEET IF				
16 Remarks, elevation, source of			17 WATER	WELL CONTRACTOR'S CERTIFICATION:
ADDED INFO. BY DRILLER. THE	ar America I		the be	I was drilled under my jurisdiction and this report is true est of my knowledge and teller
<b>470</b> R/E/T/L			REGI	STERED BUSINESS NAME REGISTRATION NOT
	a.		Address	1 / Springpor
- 1 (***) (**) (**) (**) (**) (**) (**) (			5 1	n / 20 man / 1 1 1 / 3/7 .
D67d 100M (Rev. 12-68)			Signed	AUTHORIZED REPRESENTATIVE

<u> </u>	SEP 1 7 1976	WATER N	WELL REC	5	N DEPARTMENT
1 LOCATION OF WELL County	Township Name		Fraction		C HEALTH
JACKSON	CONCORD		1 .	15 Section Number Town Number 5	N/S. Range Number
Distance And Direction from Road 100 WEST CF 61 25' Southur E	Intersections			3 OWNER OF WELL: Kermit O	liphant
SON YOU	PIENU	ייי אייי	NOTONI	Address 118 Linewood	DOLLing)
Street address & City of Well Loca Locate with "X" in section below	tion 15209 FR/F	·アナノペーン th Map:	IX BAON	4 WELL DEPTH: (completed) Date of Co	mpletion
				l	LV 16 1970
				5 Cable tool Rotary	Driven Dug
				Hollow rod Jetted  6 USE: Domestic Public Supply	Bored
				☐ Irrigation ☐ Air Conditioni	
				7 CASING: Threaded Welded Heigh	
5 1 MILE				Diam.	ght: Above/Below aceft.
2 FORMATIO	N	THICKNESS	DEPTH TO BOTTOM OF		ght/ lbs./ft.
		STRATUM	STRATUM	in. toft. Depth   Driv	ve Shoe? Yes 🗹 No 🗍
claybrown asavo	ellis atoni	36	36)	Type: Dia.:	<u></u>
sais white dry a		25	61	Slot/GauzeLength	
· ·				Set betweenft. andft Fittings: NONE	t.
medien la Saras	e-linear			9 STATIC WATER LEVEL	
minde it sh	Surrado	59	120	ft. below land surface	
			7.3	10 PUMPING LEVEL below land surface	2.0
		-		60 ft. after 3 hrs. pumping _	g.p.m.
				ft. after hrs. pumping _	g.p.m.
				11 WATER QUALITY in Parts Per Million:	
				Iron (Fe) Chlorides (CI)	
	<u></u>			HardnessOther	
				12 WELL HEAD COMPLETION: In App Pitless Adapter 12" At	1
		+	<u> </u>	13 Well Grouted? Yes WNo	Jove Grade
				Neat Cement Bentonite	
				Depth: From ft. to  14 Nearest Source of possible contaminati	ft.
				52 feet $SE$ Direction $SE$	
				Well disinfected upon completion 2 Ye	
	i ii			Manufacturer's Name	ed
				Model Number 5548 HP	Volts 230
·		<del>-</del>	ļ		
		}		Type: Submersible    Jet   Recipro	cating
4					
USE A 2ND SHEET IF		<u> </u>	17 WATER	WELL CONTRACTOR'S CERTIFICATION:	<u>.</u>
To hemarks, elevation, source	or data, etc.		This wel	I was drilled under my jurisdiction and this	
			LEONA	est of my knowledge and belief.  IRD WELL DRILLING CO.	0404
	L 4		ì	STERED BUSINESS NAME	REGISTRATION MA.
	11 e		Address	n	>-20-20
D474 100M (Pay 12-69)			Signed	AUTHORIZED REPRESENTATIVE Date	7-20-10

GEOLOGICAL SURVEY NO.	WATER WELL		JMP RECORD , PERMIT NUMBER
1- LOCATION OF WELL:			for, I small house
County Township	o Name	Fraction	Section Number   Town Number   Range Number
Jackson - C	oncord	1/4	1/2 SW 1/4 5 3 3 NO 3 EN
Distance And Direction From Road Intersection	າ		2 OWNER OF WELL
1/8 mile from The	BATH Mills & Ela	سروع ،	DATE CARAL CARAL
INTERSECTION, SOUTH			Address Clash Lt. M. 49234
70,000 1 = = = = = = = = = = = = = = = = =			C/4.612 KE, MI 49234
Street Address & City of Well Location			Address Same As Well Location? Yes No
Locate with X in Section Below	Sketch Map:		4 WELL DEPTH: (completed) Date of Completion
			145 11 4-18-85
			5 Cable tool YRotary Driven Dug
			Hollow rod Auger Jetted
<del> </del> "├ <del>╎</del> ┾═-┼┤ <del>┋╻</del>			6 USE: Domestic Type   Public Type III Public
			Irrigation Type IIa Public Heat pump
<del> </del>			Test Well Type IIb Public
			7 CASING: Steel Threaded Height Above/Below
1 MILE			Plastic Welded Surface ft.
2 FORMATION DESCRIPTION	THICKNESS	DEPTH TO	in. toft. depth Weight 200 lb 700
- TORMATION DESCRIPTION	STRATUM	STRATUM	in. toft. depth
( A )			in. toft. depth Drive Shoe Li Yes
- Say Me	2./	16	in. to ft. depth
4/2/			8 SCREEN: Not installed
Crayo Mala	2/	57	Type Diameter
	10 16		Siot/Gauze Length
Dreyn Dance	177014 50	115	Set betweenft. andft.
	1001		FITTINGS: K-Packer Lead Packer Bremer Check
6/1/2/ 70	Acres 30	I AC	Blank above screenft. Other
	70	///	9 STATIC WATER LEVEL:
	<del></del> -		tt. below land surface Flow  10 PUMPING LEVEL: below land surface
			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
	<del></del>	<del></del>	ft. after hrs. pumping at ZS G.P.M.
			ft. after hrs_ bumping at G.P.M.
	`	1	11 WELL HEAD Pitless adapter 12 above grade
			COMPLETION: Basement offset Approved pit
			12 WELL GROUTED? No Yes From to 6t.
			☐ Neat cement ★ Bentonite ☐ Other
			No. of bags of cement Additives
			13 Nearest source of possible contamination
	RECEIVER		Type 5 2 p 7 p Jostance 55 tt. Direction
1,3	The Dept. of Public R		
		\$ 100	Well disinfected upon completion? XYes No
4	- 44 B 2   1005	-	14 PUMP: Not Installed Pump Installation Only
			Manufacturer's name
Con	unasia - i i Envircomontal s	ula:	Model number 5541B HP 16 Volts 23 C
		÷	Length of Drop Pipeft. capacityG.P.M.
			TYPE. Submersible Jet
Service Control of th		<del> </del>	PRESSURE TANK.  Manufacturer's name
USE A 2ND SHEET IF NEEDED	5 200		Model number 2 2 Capacity Gallons
15. Remarks, elevation, source of data, et	.c.	16. WATER	R WELL CONTRACTOR'S CERTIFICATION:
		This wel	Il was drilled under my jurisdiction and this report is true
	•	to the b	est of my knowledge and belief
•		I After	ad I hallon II II III
	7.] <b>≱(.</b> 9	Address	REGISTERED BUSINESS NAME REGISTRATION NO.
	•••	, Address	A CONTINUE
D67d 2/84		Signed _	AUTHORIZED REPRESENTATIVE
·			Authority: Act 368 PA 1978

GEOLOGICAL SURVEY COPY

Authority: Completion: Penalty:

Act 368 PA 1978
Required
Conviction of a violation
of any provision is a
misdemeanor.

	ACT 294	PA 1965	Ķυ	•		OF	PARTMEN	IT
LOCATION OF WELL	*	, <u> &gt; -</u>		т		UBLIC F	IEALTH	<u> </u>
County DACKSON TWO	-0	Fraction	NW	Section No.	Town	<b>⊭</b> /S.	Range	<b>2</b> /V
Distance And Direction from Road Intersections	WNER No.		3 OWNER	OF WELL:	02/1/1	o.T.	RIN	<u>[2</u>
South of Est Esse st			Address	465	Bath	Me	lls y	lo
Street address & City of Well Location ALBION				all	ro			
2 FORMATION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM	4 WELL D	EPTH: (comp	oleted) Da ft. Ap	te of Cor		9
SAND	50	50	5 <b>2</b> cob		Rotary 🚾	☐ Dri		
BAND RUCKONON	19	69		Domestic Irrigation			Indu	
brown sandrock	15	34	1 🗆	Test Well Threaded	o	•		
median hard gray sandrock	21	105	Diam. 4 in. 1	10 <b>7</b> 2	ft. Depth	surfac	<u>.                                    </u>	ft.
mesur and gray sandron	127	703	in. t	to	ft. Depth		hoe? Yes	/-
	<u> </u>	ļ	8 SCREEN					
			1	uze		•		
			1	/een				
				YATER LEV				
			_ 35	ft. below	land surface			
r -				IG LEVEL be ft. after∠			30	4 n m
					hrs. pump	-		
			11 WATER	QUALITY in	Parts Per Mi	llion:		
				)				
				s	<del></del> _			
<b></b>				Pirles Ad		In Appro 12'' A <u>bo</u>		
		_	13 GROUTI	NG:	. El No			
	-		4	: Neat C	_			
				Fromft				
			14 SANITA	RY: NoT Source of pos	sible contami	LED	y E	
			1	feet	_Direction		Тур	8
		<u> </u>		infected upon		Yes	□ No	
				Did Nome	Deco	Euro	Men	1
			Model N		45.	, — нв	3/	<del></del> -
			7	of Drop Pipe_ Submersible		oacity_ <del></del>	G.P.M	1.
6.2	1	17		] Jet	□ R	eciproca	ting	
6 Remarks, elevation, source of data, etc.		[		TRACTOR'S ( I under my jur			ort is true	
2011 120 12 Bro Lily John Lily	•	to the be	st of my kno	wledge and b	LLINO /	 	2/ //	,
DE>		ZEON	EGISTERED O	JSINESS NAME	<del>,                                     </del>		GISTRATIO	n no.
en en en en en en en en en en en en en e		Address		by Alle	rene	Hor	ر ر	· 
	# 1 · ·	. Signed	NIZ	who	~~// <sub>0</sub>	ore C	- /./	-6)
		J .	AUTHORTZED R	EPRESENTATIV	/ E			

Allh	WELL.	AND PL	JMP RECORD PERMIT NUMBER
1 LOCATION OF WELL— County  Townstro Name	PART 127	Fraction	Section Number Town Number Range Number
Distance And Direction From Road Intersection			3 OWNER OF WELL:
Mostlyvees gooner of	met	Reco	to your worth, A
of Buth Mills I love are	ICH (	non for	Address 3/ // Addison floor
		-	alfron
Street Address & City of Well Location  Locate with "X" in Section Below S	ketch Map:		Address Same As Well Location? Tes No  4 WELL DEPTH: (completed) Date of Completion
			6-3-83
F			5 Cable tool Driven Dug
,     E			Hollow rod Auger Jetted
1.00	<u> </u>	a, x <sup>i</sup>	6 USE: Type III Public Type III Public Trigation Type III Public Heat pump
	N. S. S.		☐ Irrigation ☐ Type IIa Public ☐ Heat pumb ☐ Test Well ☐ Type IIb Public ☐
	**		7 CASING: Steel Threaded Height: Above/Below
1 MILE	1	1	5 in. to the ft. depth   Surfaceft.
2 FORMATION DESCRIPTION	THICKNESS OF STRATUM	BOTTOM OF STRATUM	in. to ft. debth lbs./ft.
· all	31KATOM	31121014	Grouted Drill Hole Diameterin, toft, depth   Drive Shoe
Clay 1	12		in. to ft_depth No
	2/	133	SCREEN. Not installed
Dance graver	12/	00	Type Diameter
Sanctrock	27	7	Slot/Gauze
			FITTINGS. K-Packer Lead Packer Bremer Check
			Blank above screen ft. Other
<b>**</b>			9 STATIC WATER LEVEL:
			10 PUMPING LEVEL below land surface Flow
			ft. afterbrs_ pumping at G.P.M
" Andrew Comments of the Comme			ft_afterhrs_pumping atG.P.M.
			11 WELL HEAD 12" above grade
The state of the s			COMPLETION Basement offset Approved pit
			12 WELL GROUTED' Yes From 10 ft.
			Neat cement   Benton-te   Other
•			
- 104	a same		No. of bags of cement Additives
5-1-1-10 (III)		·	Type Dla Ver Distance 30 ft. Direction E
RECEIVED	-		Well disinfected upon completion? Yes No
Mich. Dept. of Public Health			14 PUMP: Not installed Pump Installation Only
			Manufacturer's name
JUL 1 8 1983			Model number 504210 HP Volts 230
Environmental and			Length of Drop Pipe 40 ft capacity / C G.P.M.
Occupational Health			TYPE. Submersible Jet
Services Administration	<del> </del>		PRESSURE TANK: Manufacturer's name UG 202 Will The
USE A 2ND SHEET IF NEEDED			Model number <u>UG 20</u> Capacity <u>21</u> Gallons
15. Remarks, elevation, source of data, etc.			R WELL CONTRACTOR'S CERTIFICATION:
ADDED INFO BY DRILLER, ITEM NO.			est of my knowledge and being
*CORRECTED BY	/	Leon	art Well relley 0404
* ADDITION BY	U	Address	REGISTER D BUSINESS NAME
ELEVATION			m/te-2>-2
DEPTH TO ROCK 67d (Rev. 10-80)		Signed	AUTHORIZED REPRESENTATIVE

GEOLOGICAL SURVEY SAMPLE N	lo	<del>la</del> de la compa	-	- <b>-</b>	
MAR 0 1 1978			WELL REG		MICHIGAN DEPARTMENT
1 LOCATION OF WELL		ACT 29	94 PA 196	55 - · · · · · · · · · · · · · · · · · ·	OF PUBLIC HEALTH
Jackson	Township Name		NE N	WSW Section N	Town Number Range Number K/S.
Distance And Diffection from Ro	activitersections //	Down		3 OWNER OF WELL:	Roman
on extending	MIR TI	mili		Address	I mills hood
Street address & City of Well Lo	ocarion i			l les	ber
Locate with "X" in section		etch Map:		4 WELL DEPTH: (comple	
					11-10-77
				Cable tool Hollow rod	Rotary Driven Dug
w				6 USE: Domestic	Public Supply Industry
				☐ Irrigation [	Air Conditioning Commercial
				7 CASING: Threaded	Welded Height: Above/Below
1 MILE	· .			Diam.	Surfaceft.
2 FORMAT	ION #	THICKNESS OF	DEPTH TO SOTTOM OF		t. Depth WeightIbs./ft.
J	<del>/)</del>	STRATUM	STRATUM	8 SCREEN:	ft. Depth   Drive Shoe? Yes 🗾 📉 🗎
Strove	$\ell$	30	30		Dia.:
		111	111		Length
formed to	n grave	70	7	Set between ft	. and ft.
Sand.	rock	40		Fittings:	
				9 STATIC WATER LEVEL	
	•			ft. below  10 PUMPING LEVEL belo	land surface
·					hrs. pumping g.p.m.
				·	
			-	11 WATER QUALITY in Page 1	hrs. pumping g.p.m.
	İ			1	_ Chlorides (CI)
,	(	**			
				Hardness	Other
	•			Pitless Ada	IN ADDITION OF A LAN
			<del></del>	13 Well Grouted? Yes	
	· · · · · · · · · · · · · · · · · · ·			Neat Cement	
}	r			Depth: From 14 Nearest Source of pgs	
	*****			60 feet W	• •
	7			<del></del>	completion Ves No
	NA NO			15 PUMP:	Not installed
ADDED INFO BY DRILLER, ITE	M 11U.			Manufacturer's Name  Model Number	HPVolts
* ADDITION BY					ft. capacityG.P.M.
ELEVATION				Type: Submersib	_
DEPTH TO ROCK	- 45	-	-	Jet	Reciprocating
USE A 2ND SHEET					
16 Remarks, elevation, source	ce of data, etc.		This well	WELL CONTRACTOR'S (	isdiction and this report is true
		1	the	est of my knowledge and b	Illy Wer 0404
NO 582	7	,	REGI	STERED BUSINESS NAME	REGISTRATION NO.
/ *			Address	Spin	egg 8
		-		TINA	nol 2-5->>
D67d 100M (Rev. 12-68	N ""		] signed/_	AUTHORIZED REPRESENTAT	IVE .

MICHIGAN DEPARTMENT OF PUBLIC HEALTH

WATER WELL AND PUMP RECORD

						2	_ /	5	#
	PF	R	MIT	M	1	MR	FR		

1 LOCATION OF WELL		,	
County Township Name	/	Fraction	Section Number Town Number Range Number
TACKSON Conco	ed -	1/4	1/4 1/4 2 3 X/S 3 X/W
Distance And Direction From Road Intersection			a country of well
			JANE HOLAM
			Address 120 6/60 K/
,			Address 120 9 6166 Rt Span Albio Mich 49224
Street Address & City of Mall Languisa			• / 57
Street Address & City of Well Location  Locate with "X" in Section Below Sk	otob Man:	· <del> </del>	4 WELL DEPTH: Date Completed
FRIF S	erch Map:		MO. I DAY I YEAR ! L. New Well
		72	130 FT. 1812 191 E Replacement Well
		11	5 Cable tool Rotary Driven Dug
1		12	Hollow rod Auger Jetted
<b> </b>	1/	6	6 USE: Domestic Type I Public Type III Public
	X	2	☐ Irrigation ☐ Type IIa Public ☐ Heat pump
	•	103	Test Well Type IIb Public
		16	7 CASING. Steel : Threaded Height: Above/Below
1 MILE		1	Piastic Welded   Surface #
2 FORMATION DESCRIPTION	THICKNESS	DEPTH TO	
2 FORMATION DESCRIPTION	OF STRATUM	BOTTOM OF STRATUM	in, to the depth weight liss/ft.
			diodes bill rive Shoe L Yes
BROWNCLAIN	2	3	in. toft. depth No
			8 SCREEN: Not Installed
STORE - GRAVEL	22	9/	
	2.2		Type Diameter
SANDROCK	29	130	Slot/Gauze Length
	<u> </u>	7	Set betweenft. andft.
			FITTINGS: K-Packer Lead Packer Bremer Check
li li			Blank above screen ft. Other  9 STATIC WATER LEVEL:
<u>"</u> ",	-		
			ft. below land surface Flow  10 PUMPING LEVEL: below land surface
			65 ft. after hrs. pumping at 30 G.P.M.
			ft. after hrs. pumping at G.P.M.
	-		11 WELL HEAD
•			COMPLETION: Pritiess adapter 12 above grade
			Basement offset Approved pit
	}		12 WELL GROUTED? No Yes From to 6 ft.
			Neat cement Bentonite Other
!			Neat cement Bentonite Other
			No. of bags of cement Additives
	-		13 Nearest source of possible contamination
			Type 5 ft. Direction
			Well disinfected upon completion? Yes No
			Was old well plugged?
			14 PUMP: Not Installed Pymp Installation Only
*		٠.	Manufacturer's name 6 out do
			Model number 10 EJ 0542 ZHP Volts 230
	1		Length of Drop Pipe 7.5 ft. capacity 10 G.P.M.
			TYPE: L Submersible Jet
ŀ	}		
			PRESSURE TANK:  Manufacturer's name  WELL TTROL
USE A 2ND SHEET IF NEEDED			Model number WX202 Capacity 42 Gallons
15. Remarks, elevation, source of data, etc.	<u> </u>	16. WATER	R WELL CONTRACTOR'S CERTIFICATION:
Maria San San San San San San San San San Sa			Il was drilled under my jurisdiction and this report is true
The Mission		io the b	est of my knowledge and belief.
	S.A.	1 3 <u>5 0 1</u>	Control Description
17. Rig Operator's Name:	And the second		REGISTERED BUSINESS NAME 2077/ ULPINE NORTH SPRINGER
	C Hans	Address	1. 10 0-11-
<u> </u>	-दिशि <u>र</u>	Signed .	William Date 82.89
D67d 12/85			AUTHORIZED REPRESENTATIVE
			Authority: Act 368 PA 1978 Completion: Required
$\mathcal{G}_{ij}$	Very		Penalty: Conviction of a violation of any provision is a
	GEOLO	GICAL SU	RVEY COPY misdemeanor.
<del>/</del>	••		

GEOLOGICAL SURVEY SAMPLE No.			· •	[			
	270			[			
<u> </u>	SEP 1 7 1970	WATER N	<b>WELL REC</b> 14 PA 196	CORD	ORD MICHIGAN DEPARTMENT		
1 LOCATION OF WELL County	(2) (2) (2) (3) (3) (3) (3) (3) (3) (3) (3) (3) (3	<del></del>		NENCE	PUBLIC HEALTH  Number   Town Number   Range Number		
JACASO~	CONCOR		Fraction	FN Section	Number Town Number Range Number 3 N/S. 3 K/W.		
Distance And Direction from Boad	Intersections	<u>u                                      </u>	4-5-140	3 OWNER OF WELL!	ONS.   DEW.		
950 WEST OF BAL	ANNIAKS ISO			Hucho	THE MENTER OF		
200' SOUTI OF ER.	リだけせ			143 B	ill mills floor		
Street address & City of Well Loca Locate with "X" in section bel		ch Map:	·	4 WELL DEPTH: (com	pleted) Date of Completion		
	SKOK	n Map.		/35	ft. July 19 1970		
		the total manager of the total and the total		5 Cable tool	Rotary Driven Dug		
	,	•		Hollow rod	Jetted Bored		
<b>*</b>     <del></del> -				6 USE: Domestic	Public Supply Industry		
	1			☐ Irrigation	Air Conditioning Commercial		
	,			7 CASING: Threaded	Welded Height: Above/Below		
1 MILE				Diam.	1 Surface 2 4		
2 FORMATIO	 N	THICKNESS	DEPTH TO BOTTOM OF	4/ in. to 9/	ft. Depth   Weight   Ibs./fr.		
	· ·	STRATUM	STRATUM	in. to 8 SCREEN:	ft. Depth   Drive Shoe? Yes   No		
By blown dans	J townel	36			Dia.:		
Canara Gare			- /	ł .	Dia.: Length		
some day			26	l	ft. andft.		
A construction of the second	- # .	18	54	Fittings: No.			
10- COCKA MAIN STATE	1			9 STATIC WATER LEVE			
gray santigran	rel.	<b>3</b> 2	86		ow land surface		
gray santirgran		3	89	10 PUMPING LEVEL be	elow land surface $\frac{3}{2}$ hrs. pumping $\frac{3}{2}$ g.p.m.		
,	, õ	<del>                                     </del>		_ <del></del>	To ms. pumping g.p.m.		
medin hubark	ile sanhock	1/6	135	ft, afte	r hrs. pumping g.p.m.		
					Parts Per Million: UNKNOWN		
		<del> </del>		Iron (Fe)	Chlorides (CI)		
				Hardness	Other		
				12 WELL HEAD COMPL	ETION: In Approved Pit		
		ļ		Pitless A			
				13 Well Grouted? Y	•		
		<del> </del>		Depth: From			
		<u> </u>					
				SS feet W	Direction SENICE Type		
		+		Well disinfected up	on completion Yes No		
				Manufacturer's Nar	Not installed .		
					56 17 HP 1 Volts 220		
		ļ			e 60 ft. capacity 12 G.P.M.		
•				Type: 2 Submers			
			ļ	☐ Jet	Reciprocating		
USE A 2ND SHEET IF	NEEDED	<u>.</u>					
16 Remarks, elevation, source	of data, etc.			WELL CONTRACTOR'S			
			, to the be	est of my knowledge and			
			LEONAN REGI	POWELL ELPIAL STERED BUSINESS NAME	OC. CO. O404  REGISTRATION NO. Z		
	И		Address	1. 1 X	pringpor		
			A A		1 2 70.30		
			Signed	1 yem	Date		
D67d 100M (Rev. 12-68)		* *	•	AUTHURIZED REPRESENT	ATTYC		

GEOLOGICAL SIGNEY SAMPLE NO.		•	-			
2	WATER WELL RECORD			MICHIGAN DEPARTMENT -		
1 LOCATION OF WELL	ACT 29			OF PUBLIC HEALTH		
County Township Name	1/	Fraction	110011	Section Number Town Number Range Number		
Distance And Direction from Road Intersections	Y TX	JUN.	3 OWNER OF V	S. J. W.		
11 Mun Rastof Junin	and	Joseph	3 OWNER OF V	Jundal Suspop		
morth side Tokk	رسون	1/1	Address / 2	5 selfonte 1 p		
Street address & City of Well Location  Locate with "X" in section below  Sketc	h Map:	10	4 WELL DEPTH	(completed) Date of Completion		
Sketch	и мар.		90	ft. $5/23/79$		
<b>!</b>			5 Cable to			
w			Hollow r			
			o ose. Trois			
	٠		Test	Well		
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			7 CASING: Th Diam.	readed Weided Height: Above/Below Surfaceft.		
2 FORMATION	THICKNESS	DEPTH TO	4 in. to	36ft. Depth Weight // lbs./ft.		
- FORMATION	OF STRATUM	STRATUM	in, to	ft. Depth   Drive Shoe? Yes 4 No		
Mad	3	3	8 SCREEN:	Dia.		
470	100	1,1	1	Dia.:		
Frank	1/4	12	Set between	ft. and ft.		
Dranel a clay	20	75	Fittings:			
	,-,-	0	9 STATIC WAT	ER LEVEL		
Lond North	125	70-		ft, below land surface EVEL below land surface		
			l	ft. afterhrs. pumping g.p.m.		
	-		<del> </del>	ft. after hrs. pumping g.p.m.		
			Iron (Fe)	Chlorides (CI)		
9			Hardness _ 12 WELL HEAD	OtherOther In Approved Pit		
				tless Adapter 12" Above Grade		
. ,				rd? Yes Aro		
,			Depth: Fro	ement		
		ļ	14 Nearest Sou	rice of possible contamination		
			Well disinfe	Direction Yes PNo		
, and the second			15 PUMP:	Not installed		
				er's Name 13 14 15 15		
ADDED INFO BY ORILLER, ILEM NO.				per <u>COSMA / A.C.</u> HP <u>/</u> Volts <u>230</u> Prop Pipe <u>S.O.</u> ft. capacity <u>/ S.G.P.M.</u>		
**CORRECTED BY **ADDITION BY			1.	rrop Pipett. capacityG.P.M. Bubmersible		
ELEVATION BY			! =	yet Reciprocating		
DEPTH TO ROCK USE A 2ND SHEET IF NEEDED				*		
16 Remarks, elevation, source of data, etc.	1			CTOR'S CERTIFICATION:		
		This well	I was drilled un			
Mc 68/3		REGI	STERED BUSINESS			
11000		Address	<u> </u>	venefret		
		11	1 200			
D67d 100M (Rev. 12-68)		] Signerdí∠	AUTHORIZED REF	PRESENTATIVE Date		

GEOLOGICAL SURVEY COPY

] Jet ☐ Reciprocating 17 WATER WELL CONTRACTOR'S CERTIFICATION: This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

R.M. Brewer & Son Inc.

REGISTERED BUSINESS NAME 106 ADDLO MED BY DRILLER, ITEM NO. Address Parma, Michigan 49269

USE A 2ND SHEET IF NEEDED 16 Remarks, elevation, source of data, etc.

\*CORRECTED BY T. T.

\* \* ADDITION BY ELEVATION

DEPTH TO ROCK

Well Permit #3855

100M (Rev. 12-68)

GEOLOGICAL SURVEY SAMPLE No.		-	
2 SEP 1 2 1979		WELL DE	
	WATER N		5 OF
1 LOCATION OF WELL County / Township Name		Fraction	PUBLIC HEALTH  Section Number   Town Number   Range Number
1 JACK CAN CANKAD	17 /		WSEn > Jus. 3 Lw.
Distance And Direction from Road Intersections	Land A	201	3 OWNER OF WELLT
To matter de de la house			Address
The children is		- 27	1 & Significant
Street address & City of Well Location  Locate with "X" in section below Sketch	:h Map:		4 WELL DEPTH: (completed) Date of Completion
			80 n. 11/2/78
	1 1111	30	5 Cable tool Rotary Driven Dug
Locate with "X" in section below Sketc	#67		Hollow rod Jetted Bored
1 x 10 1/W	•		6 USE: Domestic Public Supply Industry
			Irrigation Air Conditioning Commercial
	•		Test Well
			7 CASING: Threaded Welded Height: Above/Below Diam. Surface
	THICKNESS		ft, Depth Weight // lbs./ft.
2 FORMATION	OF STRATUM	BOTTOM OF	in. toft. Depth   Drive Shoe? Yes No
	7	7	8 SCREEN:
Marion Charles			Type: Dia.:
1 2 1 1 2 T	1111		Slot/GauzeLength
	<del>                                     </del>		Set betweenft. andft.
Sout noch	1 5	30	Fittings:
4 4	, <sub>j</sub> ,	T	9 STATIC WATER LEVEL
and som	50	1.11	ft. below land surface
			10 PUMPING LEVEL below land surface
	-	<u> </u>	ft. afterhrs. pumpingg.p.m.
			ft. after hrs. pumping g.p.m.
			11 WATER QUALITY in Parts Per Million:
<u>.</u>	<u> </u>		(ron (Fe) Chlorides (CI)
·			
	<del> </del>		12 WELL HEAD COMPLETION: In Approved Pit
			Pitless Adapter 12" Above Grade
	<del> </del>		13 Well Grouted? Yes No
			Neat Cement Bentonite
			Depth: Fromft, toft,
			14 Nearest Source of possible contamination.
•			feet Direction Type  Well disinfected upon completion Yes No
	<del> </del>		Well disinfected upon completion Yes No  15 PUMP:  Not installed
		}	Manufacturer's Name
			Manufacturer's Name  Model Number / / HP /- Volts / A
			Length of Drop Pipeft. capacity G.P.M.
ADDED THE BY WHILEHED HAS	to aff		Type: Submersible
CORRECTED RY	<u>                                     </u>		Jet Reciprocating
USE A 2ND SHEET IT A TOPE O	1 6		juma sale gaja.
16 Remarks, elevation, source of data etc.			WELL CONTRACTOR'S CERTIFICATION:
المحريج الم	y-mai ## * **	This well م	I was drilled under my jurisdiction and this report is true est of my knowledge and/belief.
- E-22-~	7	100	caryovery offices of the
Germit No. 6430		REGI	STERED BUSINESS NAME REGISTRATION NO.
		Address	The state of the s
			AUTHORIZED REPRESENTATIVE Date 1/-28-75
		Signed /	AUTHORIZED REPRESENTATIVE

MAR 0 7 3/3	WATER V		ORD		MICHIGAN DEF	PARTMENT
1 LOCATION OF WELL	ACT 29	94 PA 196	5 " '-	·- ·	OF PUBLIC HE	35.
County Township Name	0	Fraction		Section Number	Town Number	Range Number
faction con	ord.	SW3	WASEA		3 <b>ø</b> s.	17 B/W.
Distance And Offection from Road Intersections	th mul	late	3 OWNER OF WE	hent -	Linca	ols .
month siele of-	Schult	E North	Address	rok H	Tto 1	Loog
Street address & City of Well Location	,	•		al fre	in 1	nuch
Locate with "X" in section below	Sketch Map:		4 WELL DEPTH:	(completed)	Date of Completi	on 7
			100	ft. /	1-18	-/_
<b> </b>     -   -   -   -			Cable too	=		= `
<b>┃ w</b> ├ <del>┆</del> <del>┆</del> │ <del></del> -		·	6 USE: Dome		lic Supply	Industry
			(rriga	=	Conditioning	Commercial
			7 CASING: The	well Welde	- Tuoi-to A	bove/Below
1 MILE			Diam.	eaded 🔼 welde	Surface	2 ft.
2 FORMATION	THICKNESS OF	DEPTH TO BOTTOM OF	in. to	47 <sub>ft. Dep</sub>	-	// lbs./ft.
A . CIMATION	STRATUM	STRATUM	in. to 8 SCREEN:	ft. Dep	th   Drive Sho	e? Yes No
Class	30	(39)		1		
		じナ	Type; Siot/Gauze _	Man	Dia.: Length	
Sand rock	70	700	Set between _	ft. and	ft.	
			Fittings:	1		
	<del></del>		9 STATIC WAJER	R LEVEL		
<b>**</b>			24,	t. below land so	ırface	
1			10 PUMPING LE			a-
		<del> </del>	123	t. after 🕰 hrs.	pumping 3	<b>6</b> g.p.m.
			f	t, after hrs.	pumping	g.p.m.
			11 WATER QUAL	LITY in Parts Per	Million:	
		<u> </u>	(ron (Fe)	Thuk	rides (CI)	
			Hardness	Othe	ar ,	
		<del> </del>	12 WELL HEAD		In Approved	Pit
/					12" Above C	Grade
ŀ			13 Well Grouted			
			1	ment Bento nft,		
			14 Nearest Sour	ce of possible o	ontamination /	
				Direct	- 4/ -	W Type
	<del></del>	<u> </u>	Well disinfec		etion <b>7</b> Yes 🗌	No
RECEIVE	ا و			's Name	Not installed	
MAR 7 1972			ĺ		HP Vo	Its
					t. capacity	
WATER MANAGEME	. 14/		Туре: 🔲 Sc	_	· <b>-</b>	
				et [	Reciprocating	
USE A 2ND SHEET IF NEEDED	·					<u> </u>
16 Remarks, elevation, source of data, etc.	-	17 WATER	WELL CONTRAC	TOR'S CERTIF	ICATION:	√is true
ADDED INFO. DY DRILLER, ITEM HO		the be	st of my knowled	lee and belief	op/and this repor	1404
⇒CORRECTED BY:		REGIS	TERED BUSINESS	NAME	REGIST	MATION NO.
יייים איני פון נ		Address.	Spr	meth	Joy -	
SCADDITION BY:			nd In	~11		71 72
D67d 100M (Rev. 12-68)		Signed 2	AUTHORIZED REPR	RESENTATIVE	Date	01-1-

GEOLOGICAL SURVEY NO.	WATER	WELL A	AND PL	IMP RECOF	RD', 🗀	PERMIT N	LIMADED	
1 LOCATION OF WELL	 			•	-AM	LEUMII M	OMBER	· <del>-</del> .
County Jackson	Township Name Concord		Fraction	Sect	<u> </u>	Town Number	Range Nu	
Distance And Direction From Road Int 1/4 Mile North West On N. side of Albic 1741 Albion Rd.	tersection Rd	Interse	<del></del>	174	ry Bridg l Albion	3 N/s es Display Rd. Higan 4922	r=Teck	<b>25</b> /W
Street Address & City of Well Location	a Albion, Mich	igan 4	9224			n? K Yes		
Locate with 'X' in Section Below		etch Map:		5 🗷 Cable tool	5 ft. Rotary	Driven	37	Dug
W         E   X   1   M1.	Albion A. Schultz R	× ×		6 USE: Domestic     Irrigation     Test Well 7 CASING: Stee	Type II Type II Type II Type II	Public	Heat pump	1
2 FORMATION DESC	CRIPTION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM	in. to Grouted Drill Hole	tic Welder  Melder   Weight	lbs./ft.		
Black Muck	1	10	10	in. to	ft. depth	Drive Shoe	Yes No	
Clay & Gravel		15	25	8 SCREEN:		Not In		
Sandrock Brown Soft	<b>,</b>	4	29	Set between	ft	Length	ft.	<u> </u>
Sandrock Brown Med	Hard	1	30	Blank above s	creen	Lead Packer 🔲 E It. Other		ck
Sandrock Brown Hard	1	30	60	9 STATIC WATER LE  2  10 PUMPING LEVEL:	ft. below land	surface	Flo	w
Gray Sandrock		15	75		-	pumping at <b>15</b>	<b>Ž</b> G.P.M.	
			<u>.</u>		<u>.</u>	pumping at	·	
			<u></u>	11 WELL HEAD COMPLETION:	Basemen	apter 12° a t offset Appro		; 
				12 WELL GROUTED?	XX No	Yes From	to	ft.
	· · · · · · · · · · · · · · · · · · ·			No. of bags of cer		Additives		
a = 1 a	d.			13 Nearest source of  TypeSept:		imination nce <u>75° ft.</u> Dire	ction <b>N</b>	
·				Well disinfected up	oon completion	? <b>X</b> Yes	No	
·	Mich. Good, of P	ED ublic Beal	A ja	Manufacturer's na		iard	tallation On	
<u> </u>	JAN 0 7	1938		Length of Drop Pi		HP <u></u>	oits10	<b>2</b> G.P.M.
· .	Dureau of Environ Occupational Flee			TYPE: SO SO SE SURE TANK: Manufacturer's na	ubmersible			
USE A 2ND SHEET IF	Jř.	101 - GAA(1)	>	Model number		Capacity	40	<b>1</b> Gallons
15. Remarks, elevation, source of			This we	R WELL CONTRACTO	OR'S CERTIFI	CATION:		
	•		R. P.	est of my knowledge a  1. Brewer & S  REGISTERED BUSINESS		1	06	
			Address	REGISTERED BUSINESS (215 Harring		Parma, MI.	N NO. 4926	9
D67d 2/84			Signe	AUTHORIZED A	EPRESENTATIVE	07 Date	0/29/8	7

MICHIGAN DEPARTMENT OF PUBLIC HEALTH

GEOLOGICAL SURVEY NO.

Authority: Completion: Penalty:

Act 368 PA 1978
Required
Conviction of a violation
of any provision is a
misdemeanor.

JAN 24 1984	WATER N	WELL REC	0F
1 LOCATION OF WELL County 2 Township Name		Fraction	PUBLIC HEALTH Section Number   Town Number   Range Number
Jackson & Concord		NE 14 N	3 xn/s. 3 xe/w.
	riveway e lbion Rd. oncord, N	east •	Trojan Builders  Address P.O. Box 253  Homer, Michigan 49245
Locate with "X" in section below  Sketc  W  I MILE	SII	Pa	4 WELL DEPTH: (completed) Date of Completion  80 ft. 6/21/85  5 Cable tool Rotary Driven Dug Hollow rod Jetted Bored  6 USE: Domestic Public Supply Industry Irrigation Air Conditioning Commercial Test Well  7 CASING: Threaded Welded Height: Above Surface 1 ft.
2 FORMATION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM	4 in. to 51½ ft. Depth   Weight 11 lbs./ftin. to ft. Depth   Drive Shoe? Yes ₭ No
Sandy clay	21	21	8 SCREEN: Type: Dia.:
Brom clay	21	42	Slot/Gauze Length ft.
Gray shale	3	45	Fittings:
Grey sandreck	20	65	9 STATIC WATER LEVEL
Brown sendrock	<b>1</b> 5	80	10 PUMPING LEVEL below land surface  32 ft. after hrs. pumping 16 g.p.m.
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			ft. after hrs. pumping g.p.m.  11 WATER QUALITY in Parts Per Million:  tron (Fe) Chlorides (CI)  Hardness Other
			12 WELL HEAD COMPLETION: In Approved Pit Pitless Adapter 2 12" Above Grade
			13 Well Grouted? Yes No Neat Cement Bentonite Depth: From ft. to ft.  14 Nearest Source of possible contamination feet Direction Type
			Well disinfected upon completion Yes No
AND ADULED ITEM MA			15 PUMP: Not installed
+CORRECTED BY	<del> </del> -		Manufacturer's Name HP Voits
**ADCITION BY ELEVATION		-	Length of Drop Pipeft. capacity G.P.M.  Type: Submersible Reciprocating
16 Remarks, elevation, source of data, etc.	· .	This well	WELL CONTRACTOR'S CERTIFICATION: If was drilled under my jurisdiction and this report is true estate of my knowledge and belief.
Well Permit #8561   Under name of Claudio Martinez		}	M. Brower & Son Inc. 106 STERED BUSINESS NAME REGISTRATION NO.
	·	Address Signed	Parma, Michican 49259 Lnowth Brewerpate 6/30/83
D67d 100M (Rev. 12-68)		1	AUTHORIZED REPRESENTATIVE

	ATER WE	LL RECO	RD ; MICHIGAN DEPARTMENT
)	ACT 294		in mind to the company of the compan
LOCATION OF WELL			
TACKSON CONCORD		Fraction	Section No. Town Range
Distance And Direction from Road Intersections	NER No	101-11/12	3 OWNER OF WELL: DON WRIGHT
Pistance And Direction from Road Intersections  OW  TO NOTA OF HERTON	14EK 140		Address
Street address & City of Well Location / 136 AL FION	P. A.	IRIUN	
	THICKNESS	I DEPTH TO	4 WELL DEPTH: (completed) Date of Completion
2 FORMATION	OF STRATUM	STRATUM	100 th Avy 1967
Clay brown	14	14	5
chan some light brown	10	24	6 USE: Domestic Public Supply Industry    Irrigation
	10	(34)	Test Well
Clay six willy	10		Digm. Threaded Welded Height: Above by town in. to ft. Depth surface ft.
soft brown surhack	6	40	Weight / lbs/fb
modim hand brown sandrock	20	60	in. toft. Depth   Drive Shoe? Yes No 8 SCREEN:
0: 0 0:4:0			Type:Dia.:
modern Kulwheleich	ļ		Slot/GauzeLength
brown sundrock	30	90	Set betweenft. andft.
Real Sandesch medium has	10	100	Fittings:
			9 STATIC WATER LEVEL
			10 PUMPING LEVEL below land surface
			60 ft. after 3 hrs. pumping 30 g.p.m.
			ft. afterhrs. pumpingg.p.m.
			11 WATER QUALITY in Parts Per Million:
	}		Iron (Fe) Chlorides (CI)
			Hardness Unknown
		ļ	12 WELL HEAD COMPLETION: In Approved Pit Pitless Adapter 212" Above Grade
		<del> </del>	13 GROUTING:
			Well Grouted? Yes Ao Material: Neat Cement
			Depth: Fromft. toft.
			14 SANITARY: Land
	ļ		Nearest Source of possible contamination
•			Well disinfected upon completion Yes No
			15 PUMP: OID NOTINSTALL
			Manufacturer's Name
			Model NumberHPG.P.M.
1			Type: Submersible
			☐ Jet ☐ Reciprocating
16 Remarks, elevation, source of data, etc.			WELL CONTRACTOR'S CERTIFICATION: II was drilled under my jurisdiction and this report is true
NO.		, to the be	est of my knowledge and belief.
En adres by DRILLER, ITEM NO.		LECN	LARD WELL DRILLING 0404  DEGISTERED BUSINESS NAME  DEGISTRATION NO.
RRECTED BY1	•	Address	111, Aprentport
		Signed	Narcho Levelar Dois 8/12/17
ADDITION BY			AUTHORIZED REPRESENTATIVE

GEOLOGICAL SURVEY NO. WATER	WELL A	AND PL	JMP RECORD PERMIT NUMBER
1 LOCATION OF WELL	and the	<u>.</u>	SS 44
County Township Name		Fraction	Section Number   Town Number   Range Number
Tallion Albim	· ·	Sind 1/4.	3 7/S 4/W
Distance And Direction From Road Intersection			3 OWNER OF WELL: 10 mg 1000000
·			
			Address 63370 cases Rd
Charles Address G. Chr. of Well Laurice			Address Same As Well Location? Yes No
Street Address & City of Well Location  Locate with "X" in Section Below Sk	etch Map:		4 WELL DEPTH: (completed) Date of Completion
	1 5 2	.7 N	WELL DEPTH: (completed) Date of completion 3 1987
	ان این از این از این از این از این از این از این از این از این از این از این از این از این از این از این از ای این این این این از این از این از این از این از این از این از این از این از این از این از این از این از این از	, c., c.	5 Cable tool Rotary Driven Dug
			Hollow rod Auger Jetted
	mitc :		6 USE: Domestic Type I Public Type III Public
			☐ Irrigation ☐ Type IIa Public ☐ Heat pump
[			Test Well Type IIb Public
1-7	クレンさる	a Rd	7 CASING: Steel Threaded Height: Above/Below
1 MILE			5 in. to 10 It. depth   Surface ft.
2 FORMATION DESCRIPTION	THICKNESS OF STRATUM	BOTTOM OF	in to ft. depth SAALE BOOK
	JIMATOM	311/210/4	Grouted Drill Hole, Diameter   3/1/10-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-
BROWN CLAY	ーフ	7	in. toft. depth No
			8 SCREEN: Not Installed
GRAVEL SANDROCK	25	32	Type Diameter
- 1	30	( -	Slot/Gauze Length
SANDROCK	58	60	Set between ft. and ft.
			FITTINGS: K-Packer Lead Packer Bremer Check
	<del> </del>		Blank above screenft. Other  9 STATIC_WATER LEVEL:
			1 27 - 1
	<del></del>		10 PUMPING LEVEL: below land surface
			37 ft. after 1 hrs. pumping at 30 G.P.M.
			ft. afterhrs_ pumping at G.P.M.
			<i></i>
			11 WELL HEAD Pitless adapter 12 above grade
	<b> </b>		Basement offset Approved pit
· _	}		12 WELL GROUTED? No Yes From $0$ to $40$ ft.
· · · · · · · · · · · · · · · · · · ·			☐ Neat cement ☐ Bentonite ☐ Other
			No. of bags of cement Additives
			13 Nearest source of possible contamination
			Type Distance Direction
			1
RECEIVED			Well disinfected upon completion?  Yes  No
Mich. Dept of Public Healt	'n		Manufacturer's name 600kds Pump Installation Only  Model number 10F 105422 HP Volts 115
			Manufacturer's name 000000
DEC 2 8 1987	]		Model number HP Volts HP Length of Drop Pipe HP ft. capacity G.P.M.
Bureau of Environmental and			Length of Drop Pipeft. capacity G.P.M.  TYPE: Submersible
Occupational Health - GWOS			
			Manufacturer's name
USE A 2ND SHEET IF NEEDED	<u></u>		Model number WX 2 c 2 Capacity 42 Gallons
15. Remarks, elevation, source of data, etc.		l	R WELL CONTRACTOR'S CERTIFICATION: Ill was drilled under my jurisdiction and this report is true
			est of my knowledge and belief
		SED	ASTIANOSONS WELL DOILLING 1559
: ,			REGISTERED BUSINESS NAME 29731 U DRIVET NORTH BEGISTRATION NO. William Bedisham Date 2003 198
		Address	1. 10 P. R. Dec 2 100
		Signed .	William Sevolum Date Date
D67d 2/84			AUTHORIZED REPRESENTATIVE

Authority: Completion: Penalty:

<del>--</del>

MICHIGAN DEPARTMENT OF PUBLIC HEALTH GEOLOGICAL SURVEY NO. WATER WELL AND PUMP RECORD LOCATION OF WELL Township Name Section Number Fraction Town Number SE 1/4 SE1/4 SE1/4 Calhoon 3 OWNER OF WELL: Distance And Direction From Road Intersection 200000 Address F1701 6 0. 36

Logra 1907

Address Same As Well Location? 1 Yes No Street Address & City of Well Location WELL DEPTH: (completed) Locate with "X" in Section Below Date of Completion Sketch Map: 24 Rotary 5 Cable tool Driven Hollow rod Auger Jetted 6 USE: Domestic Type I Public Type III Public Heat pump ☐ Irrigation Type IIa Public Test Weil Type IIb Public CASING: Steel Threaded Height: Above/Below Plastic Welded Surface \_\_\_\_\_ THICKNESS DEPTH TO SAALE 1300 2 FORMATION DESCRIPTION OF STRATUM \_\_ in. to \_\_\_\_\_ ft. depth Grouted Drill Hole Diameter Drive Shoe Yes \_\_\_\_ in. to \_\_\_\_ ft. depth BROWN CLAY & STONE \_\_ ft.\_depth 8 SCREEN: STAINLESS STEEL Not Installed GRAVEL 24 Type SLOTTEC Slot/Gauze \_\_ Set between \_ FITTINGS: K-Packer Beacker Stand Packer Other Check 9 STATIC WATER LEVEL: 42 ft below land surface \_\_\_ ft. after \_\_\_\_\_ hrs. pumping at \_\_\_\_ 11 WELL HEAD Pittess adapter COMPLETION: Approved pit Basement offset No Yes From O to 80 ft. 12 WELL GROUTED? Bentonite Other \_\_ Neat cement No. of bags of cement \_\_\_\_\_ Additives 13 Nearest source of possible contamination Distance 50 ft. Direction TH Yes Well disinfected upon completion? 14 PUMP: Not installed Pump Installation Only Manufacturer's name \_\_\_\_ Model number \_\_\_\_\_ Length of Drop Pipe \_\_\_\_\_ ft, capacity \_\_\_\_\_ G.P.M. Submersible \_\_\_ Jet \_\_\_

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief

SEBRITIAN SONE

REGISTERED BUSINESS NAME.

Address 28731 U. DRIVE NORTH. SPRINGIBE!

Signed William Stocker.

Date 9.25

PRESSURE TANK:
Manufacturer's name \_

16. WATER WELL CONTRACTOR'S CERTIFICATION:

D67d . \_2/84

USE A 2ND SHEET IF NEEDED

15. Remarks, elevation, source of data, etc.

Authority: Completion: Penalty:

Capacity \_

Act 368 PA 1978
Required
Conviction of a violation
of any provision is a
misdemeanor.

Gallons

			WATER WE		
1 LOCAT	TON OF WELL	e elika e e e e e e e e e e e e e e e e e e e	ACT 294	PA 1965	OF PUBLIC HEALTH
County	hour	Two. Olhion		Fraction VIV NA	Section No. Town Range  3 M/S. 4 E/W.
Distance A	nd Direction from Road I	ntersections	OWNER No		3 OWNER OF WELL: Howard Pewsey
Jy m	orth side was 8 city of Well Locat	ewbung rd (	29/2-	)	Address 803 & Eric
2	FORMATIO		THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM	4 WELL DEPTH: (completed) Date of Completion
	Sandy	class	13	(13)	5 Cable tool Rotary Driven Dug Hollow red Jetted Bored
<u></u>	Sand	rece	67	80	6 USE: Domestic Public Supply Industry    Irrigation Air Conditioning Commercial
				<b></b>	7 CASING: Threaded Welded Height: Above/Below
					in. to St. Depth surface ft. Weight bs/ft.
	·				8 SCREEN:  None  Mont
	· · · · · · · · · · · · · · · · · · ·		·		Type:Did.:
-		· 	_		Stat/Gauze
			,		Fittings:
<i>.</i>	· · · · · · · · · · · · · · · · · · ·	•	:		9 STATIC WATER LEVELft. below land surface
		e de la companya de la companya de la companya de la companya de la companya de la companya de la companya de			10 PUMPING LEVEL below land surface  20 ft. after 2 hrs. pumping 30 g.p.m.
					ft. afterhrs. pumpingg.p.m.
		ji			11 WATER QUALITY in Parts Per Million: renferowy
· - · · · · · · · · · · · · · · · · · ·		₹ 1			Hardness
		<u> </u>	1		12 WELL HEAD COMPLETION: In Approved Fit In In In In In In In In In In In In In
					13 GROUTING: Well Grouted? Yes Ano
					Material: Neat Cement Depth: Fromft. toft.
					14 SANITARY: Negrest Source of possible contamination
					—feetDirectionType  Well disinfected upon completion ☐ fes ☐ No
	<u>.</u>	ű .	. , ,		15 PUMP: Tenforoum Manufacturer's Name
		4			Model NumberHPG.P.M.
			`		Type: Submersible
16 Remarks	s, elevation, source of do	ita, etc.			WELL CONTRACTOR'S CERTIFICATION: all was drilled under my jurisdiction and this report is true
	ADDED MED. BY DRI	LIER, ITEM 1911			est of my knowledge and belief.
	CORRECTED BYE			A A A A A A A A A A A A A A A A A A A	REGISTERED BUSINESS NAME REGISTRATION NO.
	STANDER BY			Address	M Lunaid Donald 1968
D67D	100M 6-66		<del></del>	. /	MOTORNEED REPRESENTATIVE

APR 2 8 358

1 LOCATION OF WELL	WATER W ACT 294	ELL REC	
Colhoyn Olbr	5	Fraction WWS	WNW Section Number Town Number Range Number J M/S. 4 M/W.
on South Sich Street address & City of Well Location 3	Smil	fel	Address of Eville
	tch Map:		4 WELL DEPTH: (completed) Date of Completion  ft.   2 - 24 - > > 5   Cable tool   Rotary   Driven   Dug
		-	Hollow rod
2 FORMATION	OF LE	DEPTH TO BOLLOM OF STRATUM	7 CASING: Threaded Welded Height: Above/Below Diam.  4 in. to ft. Depth Weight Ibs./ft.  9 SCREEN:
Sandrock	70	5) 75	Type: Dia.:  Slot/Gauze Length  Set between ft. and ft.
,	·		9 STATIC WAJER LEVEL
			ft. after hrs. pumping 425 g.p.m.  ft. after hrs. pumping g.p.m.  11 WATER QUALITY in Parts Per Million:
			HardnessOther
			Pitless Adapter Above Grade  13 Well Grouted? No Neat Cement Bentonite
			Denth: Fromft. toft.  14 Nearest Source of possible contaminationType  Well disinfected upon completion
			Description installed  Manufacturer's Name  Model Number HP Volts
			Length of Drop Pipeft, capacityG.P.M.  Type: Submersible Control of the
16 Remarks, elevation, source of data, etc.	1	Tors well	ELL CONTRACTOR'S CERTIFICATION:  was drilled conder my jurisdiction and mys report is true t of my knowingdag and perfect.
ADDED BY DRILLER, ITEM ROLLING BY TACOUTION BY ÉLÉVATION		REGIST Address	TERED BUSINESS NAME DEGISTRATION NO.
DEPTH TO ROCK D67d 100M (Rev. 12-68)		Signe	Date 12-29-23

GEOLOGICAL STRVEY SAMPLE No. MAR 2 0 1979			
	WATER \	WELL REC	MICHIGAN DEPARTMENT OF
1 LOCATION OF WELL	ACT 29	4 PA 196	5 OF PUBLIC HEALTH
County Township Name		Fraction	Section Number Town Number Range Number 3 R/S. 3 P/W.
Distance And Direction from Road Intersections	Sec. el	2 2	3 OWNER OF WELL'S SAME
<b>,</b> ' . '	/	Tilmola	Address 101 gas St
Street address & City of Well Location	Parent d	7	Parma, much
Locate with "X" in section below Ske	tch Map:	<i></i>	4 WELL DEPTH: (completed) Date of Completion
711	_		5 Cable test
Rocus	موكر		5 Cable tool
*   -   -   -   -   -   -   -   -   -	100		6 USE: Domestic Public Supply Industry
	, \		☐ Irrigation ☐ Air Conditioning ☐ Commercial ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
			7 CASING: Threaded Welded Height: Above/Serow Diam.
I MILE ———	THICKNESS	DEPTH TO	Surfaceft.  5_ in. to 26_ft. Depth   Weight 20_Nbs./ft.
2 FORMATION	OF STRATUM	BOTTOM OF STRATUM	in, toft, Depth   Drive Shoe? Yes No
11. 1692 1	1,_	بند" و س	8 SCREEN:
Clay Rocks Warshall Sand Rock	15	(13)_	Type: Dia.; Slot/Gauze Length
Marchall Sand Rock	35	50	Set betweenft. andft.
			Fittings:
			9 STATIC WATER LEVEL
	· · · · ·		ft. below land surface
			10 PUMPING LEVEL below land surface  ft. after hrs. pumping g.p.m.
!			
			ft, after hrs. pumping g.p.m.  11 WATER QUALITY in Parts Per Million:
			Iron (Fe) Chlorides (C1)
		·	
			Hardness Other 12 WELL HEAD COMPLETION: In Approved Pit
			Pitless Adapter 77 Above Grade
			13 Well Grouted?  No Neat Cement Bentonite
			. Depth: From & ft. to 26 ft.
			14 Nearest Source of possible contamination  Type
·			Well disinfected upon completion Type
			15 PUMP: 🔀 Not installed
·			Manufacturer's Name HP Volts
			Length of Drop Pipeft. capacity G.P.M.
			Type: Submersible
	· · · · · ·		Jet Reciprocating
USE A 2ND SHEET IF NEEDED			
16 Remarks, elevation, source of data, etc.		This wel	WELL CONTRACTOR'S CERTIFICATION: I was drilled under my jurisdiction and this report is true
*CORRECTED BY CHILLER, HEM NO.	1	MAN	san Will Dullery 150
* ADDITION BY	2	REGIS	
ELEVATION CONT. TO COOK		Address	54x Pasking
DEPTH TO ROCK		Signed	Lan Marker Date 3/H/79
D67d 100M (Rev. 12-68)	•		AUTHURIZED REPRESENTATIVE

JUL 2 5 1978	WATER WELL	RECORD MICHIGAN DEPARTMENT
LOCATION OF WELL	ACT 294 P.	OF PUBLIC HEALTH
unty Township Winge	Frac	tion Section Number Town Number Range Number
ALHOUN SILVE	in Mi	15E 5M2 / 13 Ns. 4 SM
stance And Orection from Road Intersections		A 3 OWNER OF WELL:
mile west 27 27 72 m	Up 11000	Damara Clauchery
good Rich falow	concord	Address 913 maple
eet address & City of Well Location	7/200	allein mich.
Locate with "X" in section below	Sketch Map;	4 WELL DEPTH: (completed) Date of Completion
	•	1 80 ft. 5-10.18
		5 Cable tool Rotary Driven Dug
		Hollow rod Jetted Bored
		6 USE: Domestic Public Supply Industry
		Irrigation Air Conditioning Commercial
		Test Well
		7 CASING: Threaded We'ded Height: Above/Below
1 MILE	<del></del>	Surfaceft.
FORMATION	THICKNESS DEPTI	M OF SIN. to ST. Depth Weight 7 105.71.
	STRATUM STRA	TUM III. to ft. Depth Drive Shoe? Yes No
4.	30 32	8 SCREEN:
Granel		Type:Dra.:
	1 1-x 15/	Slot/Gauze Length
send hoch	10000	Set betweenft. andft.
·		Fittings:
		9 STATIC WATER LEVEL
Л		27 ft. below land surface
		10 PUMPING LEVEL below land surface
		ft. after hrs. pumping g.p.m.
		ft, after hrs. pumping g.p.m.
		11 WATER QUALITY in Parts Per Million:
	· · · · · · · · · · · · · · · · · · ·	Iron (Fe) Chlorides (Ct)
		HardnessOther
		12 WELL HEAD COMPLETION: In Approved Pit
		Pitless Adapter 12" Above Grade
1		13 Well Grouted? Yes No
		Neat Cement Bentonite
		Depth: Fromft. toft.
		14 Nearest Source of possible contamination
		feet S Direction VP
		Well disinfected upon completion Yes No
		15 PUMP: ot installed
		Manufacturer's Name
		Model Number, 35NB8B HP 2 Volts 2 5
· · · · · · · · · · · · · · · · · · ·		Length of Drop Pipe 40 ft. capacity G.P.M.
		Type: Submersible
	<u> </u>	Jet Reciprocating
. HEE A 2ND CURRY IS USEDED		
Remarks, elevation, source of data, etc.	17 WA	JER WELL CONTRACTOR'S CERTIFICATION;
		well was drilled under my juristrial on and this report is true
ADDED INFO BY DRILLER, ITEM NO.	$\triangle$	be best of my knowledge and of the
*CORRECTED BY	WY-	REGISTERED BOSINESS NAME / NEWSTRATION NO.
**ADDITION BY		& Bones et & A
EL ELLER STORY	ı	
ELEVATION DEPTH TO ROCK	Ado	m Kenner 5-27-7

- Andrews Control of the Control of	ACT 294	PA 1965	OF
1 LOCATION OF WELL	<del></del>		PUBLIC HEALTH
County Twp Olfran		5NEN	145 E 14 Section No. Town Range
Dividince And Direction from Road Intersections  OW  OW	NER No		3 OWNER OF WELL: KEN PITT-1//
50 m	ndo	70,7	Address 05 of farming T
Street address & City of Well Location off of	1 160	7 7	Marmi'
2 FORMATION	THICKNESS OF	DEPTH TO BOTTOM OF	4 WELL DEPTH: (completed) Date of Completion
2-7	STRATUM	STRATUM	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
X Iravel	27	27	Hollow rod Jetted Bored
	2 2	(4a)	6 USE: Domestic Public Supply Industry
- wrg	701		☐ Irrigation ☐ Air Conditioning ☐ Commercial ☐ Test Well ☐
and rock	2/	100	7 CASING: Threaded Welded Height: Above/Below
· •	· - Jihi	استور ا	4 in. to 3 Ift. Depth surface ft.
	<del>                                     </del>		Weight
· · · · · · · · · · · · · · · · · · ·			8 screen:
i 1			Type:Dia.:
***************************************			Slot/GauzeLength
			Set betweenft. andft.
			Fittings:
			9 STATIC WATER LEVEL
· · · · · · · · · · · · · · · · · · ·		<u> </u>	10 PUMPING LEVEL below land surface
		Post	PUMPING LEVEL below land surface  ft. afterhrs. pumping
P			ft. afterhrs. pumpingg.p.m.
			11 WATER QUALITY in Parts Per Million:
			Iron (Fe)Chlorides (CI)
			Hardness
			12 WELL/HEAD COMPLETION: La Approved Pit
· · · · · · · · · · · · · · · · · · ·	-		
			13 GROUTING:   Well Grouted?   Yes   No
			Material: Neat Cement
	<u> </u>		Depth: Fromft. toft.  14 SANITARY: NOT INSTALLED
1			Nearest Source of possible contamination
			feetDirectionType
	<u> </u>	ļ	Well disinfected upon completion A Yes No
			15 PUMP: 10 Commonwell Manufacturer's Name
			Model NumberHP
	<del> </del>		Length of Drop Pipeft. capacityG.P.M.
	<u></u>		Type: Submersible Reciprocating
16 Remarks, elevation, source of data, etc.		I	WELL CONTRACTOR'S CERTIFICATION:
ADDED THEO, AT A TRANSPORTER NO.			II was drilled under my jurisdiction and this report is true
908835TT0 // *	2	1-1-1-17 J	registered Business NAME REGISTRATION NO.
•			121 January
क्षाम्बर विश्वविद्या विश्वविद्या विश्वविद्या विश्वविद्या विश्वविद्या विश्वविद्या विश्वविद्या विश्वविद्या विश्वव		Address	War steman 9/16/17
		Signed_	AUTHORIZED REPRESENTATIVE
D67D 100M 6-66	l OGICAT	CHDVE	Y CODY
1-7 WL 23 19582 GEOI	LOGICAL	- SUKYE	Y COPY
· L :		•	•

·		LL RECO	
1 LOCATION OF WELL LOT#-3.	ACT 294	PA 1965	OF PUBLIC HEALTH
County  CALHOUN  Distance And Direction from Road Intersections  A L D I O		Fraction	W.N. Section No. Town Range
Distance And Direction from Road Intersections 12.1	<u> </u>	JUJU/A JY J	3 OWNER OF WELL COMMENT
Distance And Direction from Road Intersections  P30 NORTH OF ERIE Rd OW  9 86 WEST OF MARTIN Rd	NER No		3. OWNER OF WELL: GORDON MARTIN
Street address & City of Well Location MANTIN Rd	ALBI	0 1/	REI BOX 124A ALBION
2 FORMATION	THICKNESS	DEPTH TO	4 WELL DEPTH: (completed) Date of Completion
TO THE STATE OF TH	STRATUM	STRATUM	75 ft. A ⊌ qUS 1 4 1967  5 Cable tool □ Rotary □ Driven □ Dug
Sandy clays	8	8	☐ Hollow rod ☐ Jetted ☐ Bored ☐ ☐
medium hard to soft frown	10	1/2	6 USE: Domestic Public Supply Industry Irrigation Air Conditioning Commercial
· .	1	1	☐ Test Well ☐
sandrock			7 CASING: Threaded Welded Height: Above/Below- Dian.  in. to 6ft. Depth surface ft.
medium da ibiour sandrack	Pc	38	Weight_//_lbs/ft_
median hair grav sandrock	37	75	in, toft. Depth Drive Shoe? Yes No
Maria San America	1	/	Type:Dia.:
"			Slot/GauzeLength
			Set betweenft, andft.
1			Fittings:
			9 STATIC WATER LEVEL
			10 PUMPING LEVEL below land surface
			15 ft. after/2 hrs. pumping 30 g.p.m.
			ft. afterhrs. pumpingg.p.m.
			11 WATER QUALITY in Parts Per Million:
			Iron (Fe)Chlorides (CI)
			Hardness
			12 WELL HEAD COMPLETION: In Approved Pit Pitless Adapter 12" Above Grade
			13 GROUTING: Well Grouted? Yes No
		-	Material: Neat Cement
			Depth: Fromft. toft.
		1	Negrest Source of possible gontamination
		-	60 feet Direction SEOTIC Type
		٠.	Well disinfected upon completion Yes No
			15 PUMP: // factor
			Model Number 20 HE
			Length of Drop Pipeft. capacidyG.P.M.  Type: Submersible
10	<u> </u>	17	☐ Jet ☐ Reciprocating
16 Remarks, elevation, source of data, etc.			WELL CONTRACTOR'S CERTIFICATION: Il was drilled under my jurisdiction and this report is true
ADDED INFO. BY DRILLER, ITEM NO.		to the be	ast of my knowledge and belief.
*CORRECTED BY:		J.	PASTERED BUSINESS NAME PAEGISTRATION NO.
		Address	Wareholder & I - 11-
New 3Y2 Notice of the Notice		Signed	AUTHORIZED REPRESENTATIVE
D67D 100M 6-66/1/ 0 0 1000		•	

EOLOGICAL SURVEY SAMPLE No.	:	
MAY 2 9 1974	\A/	L DECORD
	WATER WE	PA 1965 OF -
1 LOCATION OF WELL		PUBLIC HEALTH  [action Number   Town Number   Range Number
CALHOUR AL PION		VENESM 1 3 Ms. 4 EW
Distance And Direction from Road Intersections  Obout of tenth mile North	11/1/2	1 18 dwner of Well:
		and Control
about 160 West of 27 fm	nile Ma	1885 (houndless)
Street address & City of Well Location  Locate with "X" in section below   Sket	ch Map:	4 WELL DEPTH: (completed) Date of Completion
Sket	-	95 ft. May 14 1974
	•	5 Cable tool Rotary Driven Dug
		Hollow rod Jetted Bored
<u>~</u> }   <del>*</del>		6 USE: Domestic Public Supply Industry
		☐ Irrigation ☐ Air Conditioning ☐ Commercial
		Test Well  7 CASING: Threaded Welded Height: Above/8-low
1 MILE		Diam. Surface 18 18
FORMATION		PTH TO Zin. to 50ft. Depth Weight // lbs./ft.
		RATUMin. toft. Depth   Drive Shoe? Yes WNO 8 SCREEN:
Lagran and letters	18 18	7 ·
clay guy qually		Type:
day gray gravelly	19 3	Set betweenft. andft.
A CA		7 Fittings: Nove
sol gran sandrock	10 4	9 STATIC WATER LEVEL
madinalanda a D. A	409	ft. below land surface
They saw see		10 PUMPING LEVEL below land surface
		20 ft. after Aftrs, pumping 30 g.p.m.
		44 2500
		ft. afterhrs. pumpingg.p.m.  11 WATER QUALITY in Parts Per Million: Unknown
		Iron (Fe) Chlorides (CI)
		Hardness Other 12 WELL HEAD COMPLETION: Da Approved Pit
		12 WELL HEAD COMPLETION: In Approved Pit  [] In Approved Pit  [] 12" Above Grade
**************************************		13 Well Grouted? Yes No
		Neat Cement Bentonite
		Depth: From ft. to ft.
	-	14 Mean Direction Direction Type
		Well disinfected upon completion res No
· · · · · · · · · · · · · · · · · · ·		15 PUMP: And installed
		Manufacturer's Name
		Model Number HP Volts
		Length of Drop Pipeft. capacity G.P.M.
		Type: Submersible  Jet Reciprocating
		Jet Reciprocating
USE A 2ND SHEET IF NEEDED		
6 Remarks, elevation, source of data, etc.		NATER WELL CONTRACTOR'S CERTIFICATION: This well was drilled under my jurisdiction and this report is true
ADDED MISO BY DRILLER, ITEM NO.		to the best of my knowledge and belief.
AL ACA ST	2	REGISTERED BUSINESS NAME REGISTRATION NO.
ELEVATION GEORGE		Address American Address
DEPTH TO BOCK	]	10/ Vall - 10 >
A COUNTY OF THE PARTY OF THE PA		2000 - 10 man 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

<u> </u>	WATER WE		· · · · · · · · · · · · · · · · · · ·
1 LOCATION OF WELL	ACT 294	PA 1965 	OF "PUBLIC HEALTH
CALHOUN Twp.		Fraction SWAS la	Section No.   Town   Range
Distance And Direction from Road Intersections	WNER No		3 OWNER OF WELL: DAVE TEASUR
Street address & City of Well Location	92	9 mi	3. OWNER OF WELL: DAVE TESSUS Address 710 5 SOPER 1017
2 FORMATION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATOM	4 WELL DEPTH: (completed) Date of Completion  8 2 ft. 00 1967
Clarer Sand	36	30	5 Cable tool Rotary Driven Dug
5 and work (Yellow	,) 8	38	6 USE: Domestic Public Supply Industry    Irrigation Air Conditioning Commercial
Sanfrock (While)	44	82	7 CASING: Threaded Welded Height Below
			4 in. to 3 & ft. Depth surface 6 ft. Weight // lbs/ft.
· · · · · · · · · · · · · · · · · · ·			8 SCREEN:
			Type:Dia.;
<del></del>			Slot/GauzeLength
			Set betweenft. andft.
			Fittings:
			9 STATIC WATER LEVEL  26 ft. below land surface
		2 4	10 PUMPING LEVEL below land surface
	<u> </u>	Tast	30 ft. after hrs. pumping 30 g.p.m.
			ft. afterhrs, pumpingg.p.m.
			II WATER QUALITY in Parts Per Million:  Iron (Fe)Chlorides (CI)
			Hardness
			12 WELL-HEAD COMPLETION: In Approved Pit
			13 GROUTING:
	-		Well Grouted? Yes No Material: Neat Cement
			Depth: Fromft. toft.
			14 SAMITARY  Nearest Source of possible contamination  feetDirectionType
	ļ		Well disinfected upon completion Yes No
			15 PUMP: Name Manufacturer Name Manufacturer Name
1		ĺ	Model NumberHP
			Type: Submersible
16 Remarks, elevation, source of data, etc.		17 WATER	WELL CONTRACTOR'S CERTIFICATION:
ADDED INFO. BY DRILLER, ITEM NO.		This we	Il was drilled under my jurisdiction and this report is true ist of my knowledge and belief.
*CORRECTED BY:		Len	EGISTERED BUSINESS NAME  REGISTRATION NO.
**Addition BY		Address	Marca Parton Dois 15/7/17
		1	AUTHORIZED REPRÉSENTATIVE

GEOLOGICAL SURVEY SAMPLE No.			
PEH 0.7 1972		Well Dea	
	WATER \		
1 LOCATION OF WELL Township Name		Fraction	Section Number Town Number Range Number
Calhoun alfe	dro_	SWS	W.5W. 1 7 Ns. 4 NW.
Distance And Direction from Road Intersections 25	O Exercise	50-	3 OWNER OF WELL: GORDON MARTIN
concard re	of Circle	2002	Address / / /
Street address & City of Well Location			alben
Locate with "X" in section below . Sk	etch Map:	į	4 WELL DEPTH: (completed) Date of Completion 78 ft. July 28,1772
			5 Cable tool Rotary Driven Dug
w			Hollow rod Jetted Bored
			6 USE: Gromestic Public Supply Industry    Irrigation   Air Conditioning   Commercial
-   -   -   -     MI. "			Test Well
			7 CASING: Threaded Welded Height: Above/Berow
1 MILE	THICKNESS	of jut⊊3c	Surfaceft.  Hin. to P_ft. Depth Weightlbs./ft.
2 FORMATION	OF STRATUM	STRATUM	in. toft. Depth   Drive Shoe? Yes No
CALLUCIAN	30	30/	8 SCREEN:
SANDY CLAY	/	6/	Type: Dia.: Slot/Gauze Length
SOFT SANDROCK	6	36	Set betweenft. andft.
MEDIUM HARDSANDRO	v+42	78	Fittings:
THE DESCRIPTION OF THE PROPERTY OF THE PROPERT		<u> </u>	9 STATIC WATER LEVEL
			ft. below land surface
			30 ft. after hrs. pumping 30 g.p.m.
			ft. after hrs. pumping g.p.m.  111 WATER QUALITY in Parts Per Million:
			Iron (Fe) Chlorides (CI)
			Other
			Hardness Other  12 WELL HEAD COMPLETION: In Approved Pit
			Pitless Adapter 12" Above Grade
			13 Well Grouted? Yes 7 Neat Cement Bentonite
-			Depth: Fromft. toff.
			14 Nearese Spurce of possible contained of
			Well disinfected upon completion Yes No
1			15 PUMP: Not instarted
· · ·			Manufacturer's Name Calley ( 1877)
			Model Number 4 Head Volts A Length of Drop Pipe 3 d ft. capacity G.P.M.
			Type: 🔼 Submersible
			☐ Jet ☐ Reciprocating
USE A 2ND SHEET IF NEEDED			
16 Remarks, elevation, source of data, etc.			WELL CONTRACTOR'S CERTIFICATION: I was drilled violet my wysgrigtion and this report is true
	-		no my knowledge and build.
ester in all		REGIS	STERED BUSINESS NAME
·· .		Address	Apprelipe gr
readomon em		Sign	11. Leman Date 8-5.72
D67d 100M (Rev. 12-68)		-19.1 <b>V</b>	AUTHORIZED REPRESENTATIVE

GEOLOGICAL SURVEY NO	·	MENT OF PUBLIC HEALTH
1 LOCATION/OF WELL -		AND PUMP RECORD PERMIT NUMBER ACT 368. P.A. 1978
	ID Name	Fraction Section Number Town Number Range Number
Distance And Direction From Road interspect	de la la	3 OWNER OF MELL: Day 1.1 m
on west in of	295 mili	lood by new for hour
Street Address & City of Well Location	•	Address Same As Well Location?
Locate with "X" in Section Below	Sketch Map:	4 WELL DEPTH: (completed) Date of Completion
		5 Cable tool Driven Dug
* <del>  -                       -     -     -     -</del>		6 USE: Type I Public Type III Public
	•	Irrigation Type IIa Public Heat pump Test Well Type IIb Public
s d		7 CASING: Steel Threaded Height: Above/Below
2 FORMATION DESCRIPTIO	N THICKNESS	DEPTH TO BOTTOM OF In tot 5 It. depth   Weight lbs./ft.
00	STRATUM	STRATUM
Clay Say	role 10	/ Oin, toft_depth
Thouse	25	Tyce Diameter
Sandro	45	Slot/Gauze Length
		FiTTINGS: K-Packer Lead Packer Bremer Check  Blank above screen f: Other
		9 STATIC WATER LEVEL
		i 0 PUMPING LEVEL below land surface
		ft. after hrs. pumping at G.P.Mft_ after hrs. pumping at G.P.M
		11 WELL HEAD COMPLETION 12 diess adapter 12 above grade
•		Basement offset Approved pit
	ACCED NFO BY DR	Neat cement Bentonite Other
	**ADDITION SY,	No of bags of cement Additives  J. 13 Nearest dource of possible contamination
	DEPTH TO ROCK	Type Slattle Distance 7 of the Direction W
		West disinfected upon completion?   Yes   No
		14 PUMP Not Installed Pump Installation Only
		Manufacturer's name
		Length of Drop Pipe
		PRESSURE TANK  Manufacturer's name   ###################################
USE A 2ND SHEET IF NEEDED	tc.	Model number 202 Capacity 2 Gallons  16. WATER WELL CONTRACTOR'S CERTIFICATION:
		This well was drilled under my jurisdiction and this report is true of the best of my knowledge and belief.
	DECEIVER	REGISTER OF BUSINESS NAME REGISTERATION NO.
Î	JUL 1 1 1983	Address Arney 1-11-23
D67a (Rev. 10-80)	JUL 1 1 1303	Signed Date Date

Calhoun County Health Department Battle Creek, Mich.

OCT 7 1977	WATER N		5 OF
1 LOCATION OF/WELL			PUBLIC HEALTH .
alporen Township Homes	ry 1	Fraction WW 5	Section Number Town Number Range Number WWW.
Distancy And Disection from Bogd Augustina Mile	Utto	aged	3 OWNER OF WELL: MARTIN
on south many in	place	7	Address 98 77 Constitution
Street address & City of Well Location  Locate with "X" in section below Skett	ch Map:	<del></del>	4 WELL DEPTH: (completed) Date of Completion
, N		ŧ	75 n. 3-d-71
<b>       </b>			Cable tool Rotary Driven Dug
<b> </b>			6 USE: Domestic Public Supply Industry
			Irrigation Air Conditioning Commercial Test Well
1 MILE			7 CASING: Threaded Welded Height: Above/below Surface 7 ft.
2 FORMATION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM	7_in. to 6_ft. Depth   Weight lbs./ft.
Nun-l	12/	12	8 SCREEN:
Towns of	1/3	2	Type: Dia.:
Sand Tock	43	,	Set betweenft, andft.
		15	Fittings:
		,	9 STATIC WATER LEVELft. below land surface
		<b></b>	10 PUMPING LEVEL below land surface
:		 	10 ft. aft hrs. pumping 30 g.p.m.
	<u> </u>		ft. after hrs. pumping g.p.m.
			11 WATER QUALITY in Parts Per Million:    Iron (Fe) Chlorides (CI)
	<del>                                     </del>		(ron (re) Chlorides (Cl)
	<b></b>		HardnessOther
·			Pitless Adapter 12" Above Grade
. ,			13 Well Grouted? Yes No
	+		Neat Cement Bentonite  Depth: From ft. to ft. ii
			14 Nearest Source of possible contamination
,			Well disinfected upon completion Type
			15 PUMP: Not installed
	<del></del>		Manufacturer's Name Manufacturer's Name Model Number / 05 NR/0 CHP / Volts 230
	ļ		Length of Drop Pipe 20 ft. capacity 20 G.P.M.
			Type: Submersible    Jet   Reciprocating
16 Remarks, elevation, source of data, etc.	1	17 WATER	   WELL CONTRACTOR'S CERTAFICATION; /
ADDED INFO BY DRILLER, ITEM NO.		he be	I was drilled under my jurispraction and this report is true
*CORRECTED BY **ADDITION BY	>	100	STERED BOSINESS NAME RESETRATION NO.
ELEVATION		. Address.	A harman and worth
DEPTH TO ROCK		Signed	Leon Date 5-14->>
<u> </u>			AUTHORIZED REPRESENTATIVE

FEB 1 I 19/2	WATER N	WELL REC	
1 LOCATION OF WELL	. ACT 23		PUBLIC HEALTH
CALHOUN ALBI	ON	Fraction 1/4	Section Number Town Number Range Number  1/4 1/4   W.
Distance And Direction from Road Intersections	In		3 OWNER OF WELL Ruppe Kreyer.
3			Address 1045 Markets
Street address & City of Well Location			alkion
Locate with "X" in section below Sket	ch Map:		4 WELL DEPTH: (completed) Date of Completion
			5 (Deable tool Rotary Driven Dug
			Hollow rod Jetted Bored
	1 1		6 USE: Definestic Public Supply Industry
			Test Well
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			7 CASING: Threaded Welded Height: Above/Below
1 MILE	THICKNESS	DEPTH TO	Surfaceft.  Lin. to Logoth Weightft.
2 FORMATION	OF STRATUM	BOTTOM OF	in. to
and the last	120	(2 st	8 SCREEN:
may elecy	8 1 5		Type: Dia.:   Dia.:
saft send roup	12	40	Set betweenft. andft.
me duna tra	,	,	Fittings:
Missin wing	10	lox	9 STATIC WATER LEVEL
sond rock	60	100	ft. below land surface
			10 PUMPING LEVEL below land surface  26 ft. after 2hrs. pumping 30 g.p.m.
			Tt. artor g.p.m.
			ft. after hrs. pumping g.p.m.
			11 WATER QUALITY in Parts Per Million:  1ron (Fe) Chlorides (CI)
	_		Hardness Other
* * <b>-</b> .			12 WELL HEAD COMPLETION: In Approved Pit
	_		13 Well Grouted? Yes No
			Neat Cement Bentonite
W <sub>1</sub>			Depth: Fromft. toft.  14 Nearest Source of possible contamination
	_		feetDirection SEWS Type
!			Well disinfected upon completion Yes No
,			15 PUMP: Not installed
			Manufacturer's Name HP Volts
	_		Length of Drop Pipeft. capacityG.P.M.
			Type: Submersible
	<del>- </del>		Jet Reciprocating
USE A 2ND SHEET IF NEEDED	_	47,	
16 Remarks, elevation, source of data, etc.		∦ nis wel	WELL CONTRACTOR'S CERTIFICATION: I was drill to under my Appsdiction and this report is true
ADDED THEO. BY DEILLER, HER F		Zeo the be	est of my khomledge/and/bellief.//
€CORRECTED BY:	0	REGI:	STERED BUSINESS NAME REGISTRATION NO.
••20317160 BYs		Signed	M Keon 20 Date 8-28-71
		i Siduen Z	-AUTHORIZED REPRESENTATIVE

* T-   -   -	DEPART	MENT OF	F PUBLIC HEALTH
GEOLOGICAL SURVEY NO. WATER	WELL	AND PU	JMP RECORD PERMIT NUMBER
1 LOCATION OF WELL County Township Name		Fraction	Section Number Town Number Range Nymber
CALHOUN TOWNSHIP Name ALBION	<i>J</i> -	1/4	Section Number Town Number Range Number, 3 1/8 4 2/W
Distance And Direction From Road Intersection	<del></del>	<del> </del> : .	
·			UESTIL MANN FACTURING CO.
	-	<del></del> ~	Box 57 Albion Mich
Street Address & City of Well Location 710 CA	SC S.	1 ALbu	Address Same As Well Location? Yes No
		9	4 WELL DEPTH: (completed) Date of Completion
	<u> </u>		80 th JULY 12,1985
			5 Cable tool Rotary Driven Dug
		1.	6 USE: Domestic Type   Public Type III Public
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	1 1	<i>l x</i>	☐ Irrigation ☐ Type IIa Public ☐ Heat pump
		,	7 CASING. Control Translated History Aver (Pale
1 MILE			Diameter Steal Inreaded Height: Above/Below
2 FORMATION DESCRIPTION	THICKNESS	DEPTH TO BOTTOM OF	in, toft. depthWaghtWas./ft.
2 TORNATION DESCRIPTION	STRATUM	STRATUM	Growed Drill Hole Drameter
FILL	3	3	dept
	<del> </del>		8 SCREEN: Not Installed
BROWN SANDY CLAY	3	6	īvoe Diameter
SANDA GRAVEL	7	13	Slot/Gauze Length
	8	21	Set Detweenft. andft.  FITTINGS: K-Packer Lead Packer Bremer Check
BROWN, CLAY	8	L1_	Slank above screen ft. Other     STATIC WATER LEVEL:
SAND	9	30	15 ft. below land surface Flow
SANTROCK	50	80	10 PUMPING LEVEL: below land surface
SANURUCI	100		ft. after hrs. pumping at 18 G.P.M.
			ft. after hrs. pumping at G.P M.
			11 WELL HEAD Pitless adapter 12" above grade
			Basement offset Approved pit
	İ		No Yes From to // It.
	T -		Neat cement Bentonite Other
,	ļ		No. of cags of coment Additives
			13 Nearest source of possible contamination of FEE
			Type Distance ft Direction
····	ļ		Well disinfected upon completion? Yes No
•			Manufacturer's name BURH
			Model number 105NB10CHP 1 Volts 230
	<del> </del>		Length of Drop Pipe 30 ft. capacity 18 G.P.M.
			TYPE: Submersible Jet
\$			Manufacturer's name
USE A 2ND SHEET IF NEEDED	L		Model number WX 252 Capacity Bo Gallons
15. Remarks, elevation, source of data letc.		į.	R WELL CONTRACTOR'S CERTIFICATION: It was drilled under my jurisdiction and this report is true
			est of my knowledge and belief.
		JED.	ASIJAN Y SONS 33 /
		Address	7273111 Dove North Converse Mick
·	·	Signed !	William Sebustien Date July 12, 196
D67d 2/84			AUTHORIZED REPRESENTATIVE Authority: Act 368 PA 1978

Authority: Completion: Penalty: Act 368 PA 1978
Required
Conviction of a violation
of any provision is a
misdameanor.

GEOLOGICAL SURVEY SAMPLE No.		. ,	
MAR 1 4 1975			
<u></u>	WATER V		5 OF
1 LOCATION OF WELL			PUBLIC HEALTH
County Township Name		Fraction	Section Number Town Number Range Number 2 3 # S. 4 x5 W.
Calhoun Albion  Distance And Direction from Road Intersections East	t eide o	- 500 % - 7	3 OWNER OF WELL:
M-99 Across Bridge	o side o	•	City Clerk's Office
	ido Como	+	Address 112 W. Cass St
The continue of the continue o	ide Ceme	cera	4 WELL DEPTH: (completed) Date of Completion
<b>A</b> 3***	Map.		90 ft. 5/13/74
			5 Cable tool Rotary Driven Dug
	1		Hollow rod Jetted Bored
"	<del>/</del>		6 USEmestic Public Supply Industry
	•		☐ Irrigation ☐ Air Conditioning ☐ Commercial ☐ Test Well ☐
x	•		7 CASING: Threaded Welded Height: Above/Below
1 MILE			Diam. Surfaceft.
2 FORMATION	THICKNESS OF	DEPTH TO BOTTOM OF	4 in. to 59 ft, Depth Weight 11 lbs./ft.
	STRATUM	STRATUM	in. toft. Depth   Drive Shoe? Yes \ NO \ \   8 SCREEN:
Small Gravelstone & clay	_15	15	Type: Dia.:
•	,		Slot/Gauze Length
Gravely clay	23	(38)	Set betweenft. andft.
Soft Brown sandrock	21	59	Fittings:
SOIL Brown Sandrock		<del></del>	9 STATIC WATER LEVEL
Brown sandrock hard	12	71	ft. below land surface
			10 PUMPING LEVEL below land surface
Lime rock	2	73	25 ft. after 1 hrs. pumping 15 g.p.m.
Gray sandrock	17	90	ft. after hrs. pumping g.p.m.
	-,	•	11 WATER QUALITY in Parts Per Million:
			fron (Fe) Chlorides (CI)
			HardnessOther
			12 WELL HEAD COMPLETION: In Approved Pit
			Pitless Adapter 12" Above Grade
		1	13 Well Grouted? Yes No Neat Cement Bentonite
			Depth: Fromft.
			14 Nearest Source of possible contamination
			feetDirectionType
	_		Well disinfected upon completion Yes No
			Manufacturer's Name Reds
			Model Number 909051 HP12 Volts 230
1			Length of Drop Pipe 42 ft. capacity 2 G.P.M.
:			Type: 📆 Submersible
	_		Jet Reciprocating
USE A 2ND SHEET IF NEEDED			
16 Remarks, elevation ascence of data, etc.			NELL CONTRACTOR'S CERTIFICATION:
Accorded by T.T.		to the be	I was drilled under my jurisdiction and this report is true st of my knowledge and belief.
ELEVATION		- REGIS	A Brewer & Son Inc. REGISTRATION NO.
DESTRITO ROOM		Address	Parma, Michigan 49269
		Signed <b>(</b>	AUTHORIZED REPRESENTATIVE Date 5/20/24

GEOLOGICAL SURVEY SAMPLE N	0.	-			
MAY 29 1974		WATER	WELL REC		RTMENT
1 LOCATION OF WELL	· · · · · · · · · · · · · · · · · · ·	ACT 2	94 PA 196	5 SE PUBLIC HEAL	тн
County	Township Name		Fraction	IP ATI	Range Numb
Distance And Direction from Ro.	ALBION	//	NEXIV	7 3 Ms.	
Distance And Direction from Ro.	J 1/40	maly		3 OWNER OF WELL: Equipm	ent
En last-e	rche office	CUSTO	ang	Addess 968 Alexan a	NI
Street address & City of Well Lo				albron	
Locate with "X" in section t	pelow Ske	tch Map:		4 WELL DEPTH: (completed) Date of Completion	
				90 ft. May 9  5 D Cable tool Rotary Driven	1974
	1			Cable tool   Rotary   Driven	· H°
*			•	6 USE: 4 Domestic Public Supply	Industry
				Irrigation	Commercia
				Test Well  7 CASING: Threaded Welded Height: Abov	
1 MILE				Diam. Surface	
-	100	THICKNESS		Zin. to 32t. Depth Weight 1	
2 FORMAT	TON	STRATUM	BOTTOM OF STRATUM	in. toft. Depth   Drive Shoe?	Yes Wo [
-12- 1		- 1	1	8 SCREEN:	
Clar Again	· · · · · · · · · · · · · · · · · · ·			Type: Dia.: Length	
- Ore with have	sandrok	8	15	Set between ft. and ft.	
		, ,	0.4	Fittings: Non 4	
the Deern Hand	Gran sender	5/5	30	9 STATIC WATER LEVEL	<del></del>
modium derbor	غسريل ومسمه	60	90	ft. below land surface	
1			<del>  /</del>	10 PUMPING LEVEL below land surface	
·			ļ <u>-</u>	$\underline{P}$ ( ft. after $\underline{I}$ hrs. pumping $\underline{3}$ (	g.p.m.
	. •			ft. after hrs. pumping	g.a.m.
	ľ			11 WATER QUALITY in Parts Per Million: Un K	# 10 lo 1 /
Section 1	, · · · · · · · · · · · · · · · · · · ·			tron (Fe) Chlorides (C1)	<del></del>
,					
_ <u>``</u>	and the same of th			Hardness Other  12 WELL HEAD COMPLETION: In Approved Pit	
	•			Martless Adapter 12" Above Gra	
	,			13 Well Grouted? Ves No	
: 				Neat Cement Bentonite	
				Depth: From ft. to ft.  14 Nearest Source of possible confamination 722	1254 VF
		<del></del>	<del> </del>	14 Nearest Source of possible conformation Total	LEFIELA
····				Well disinfected upon completion ( Yes No	)
				15 PUMP: Not installed	
	·	-	<del> </del>	Manufacturer's Name	
				Length of Drop Pipe ft. capacity G.	<u> 솔크스</u> P.M.
				Type: Sommersible	
				Jet Reciprocating	
USE A 2ND SHEET	IF NEEDED			·	
16 Remarks, elevation, source		<u> </u>	17 WATER	MELL CONTRACTOR'S CERTIFICATION:	
ADDED INFO BY DR	THE ITEM MA	•		I was drilled under my jurisdiction and this report is est of my knowledge and belief.	s true
TOSRABOTED BY	THE REAL PROPERTY.		LECA	ME JAMELL DOULLINGCO	1404
ADMININ BY	The second section of the section of the sect		REGI	STERED BUSINESS NAME REGISTRA	TION NO:
EVENATION	: خانفان از از استشمار		Address	- July July 1	
DEPTH TO ROCK	Alego de la companya de la companya de la companya de la companya de la companya de la companya de la companya		Signed	1) Leonard Date 5	-18-

GEOLOGICAL SURVEY NO ER	WELL	AND PL	JMP RECO
1 LOCATION OF WELL			
County Township Name		Fraction	Section Number Town Number Range Number
Cathoon Atom	- 1	A/1_ 1/4	NEWSEVA Z 3 N/S) / E/W
Distance And Direction From Road Intersection	()		3 OWNER OF WELL:
Ofto Albania Star La	ara da Tar	ئو مادد	
1 Francisco Cale		••	Address 1009 Localt Lang
7 7 7 7 22 22 22 22 24 24 24 24 24 24 24 24 24			Albun 20. 90224
Street Address & City of Well Location			Address Same As Well Location? Yes No
Locate with "X" in Section Below	etch Map:	10000	4 WELL DEPTH: Date Completed New Well
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		)	60 FT. 9 1,5 29 \ Replacement Well
		j	5 Cable tool Rotary Driven Dug
			Hollow rod Auger Jetted
w	Locus	1.000	CHOS
Vennue.	1		
	l .		☐ Irrigation ☐ Type IIa Public ☐ Heat pump
	Į.		Test Well Type IIb Public TCASING: Cook Throated Height Above
			Diameter Steel I inreaded   Height: Above/Below
1 MILE	<del>,</del>	1	Plastic Welded Surfaceft.
2 FORMATION DESCRIPTION	THICKNESS OF	DEPTH TO BOTTOM OF	5 in to 40 ft. depth Weight   bs/ft/
	STRATUM	STRATUM	
		-0	Tin to Affit depth   Drive Slide   Tes
SANDROCH SANDROCH	73	28	in. toft. depth No
			8 SCREEN: Not Installed
SANDROCT	32	60	Type Diameter
		ļ	Slot/Gauze Length
			Set between ft. and ft.
			FITTINGS: K-Packer Lead Packer Bremer Check
r			Blank above screen ft. Other
			9 STATIC WATER LEVEL:
	ļ	1	10 ft. below land surface  Flow
			10 PUMPING LEVEL: below land surface
			1
			ft. after hrs. pumping at G.P.M.
			11 WELL HEAD Fitless adapter 12 above grade
	]	Į	COMPLETION: Basement offset Approved pit
			12 WELL GROUTED? No Pres From 2 to 40 to
			No Ly Yes From toft.
	<del> </del>		Neat cement Bentonite Other
			No. of bags of cement Additives  13 Nearest source of possible contamination
	_	}	Type C F 60 Distance ft. Direction
	A & D	- Atta	
Mich. Debt.	3/12	Hen.	
uf.,	4 64011		1.4 DUMP:
Jan.	<b>0</b> ′		I Not installed   Pumo installation Unity
Dek Dek	- 40	¢ <u>C</u>	Manufacturer's name
Wio.	4 / W /	1700	Model number 10FT05U2 ZHP Volts 230
	. '	UNNE, Y	Length of Drop Pipe 30'ft. capacity10G.P.M.
	SE ENV	MAL HE.	TYPE: 4 Submersible 1 Jet
······	1100 AT1	D/	PRESSURE TANK: A 2 mith
aure	$C_{C/I_{k,l}}$		Manufacturer's name
USE A 2ND SHEET IF NEEDED AND		RONMENTA NAL HEAL	Model number 60 Capacity 63 Gailons
15. Remarks, elevation, source of data, etc.		1	
			II was drilled under my jurisdiction and this report is true est of my knowledge and belief.
•		0-1	of a 20 and Int 11 noulling 15-9
<u> </u>		> E DA	REGISTERED BUSINESS NAME BEGISTRATION NO.
17. Rig Operator's Name:			REGISTERED BUSINESS NAME 22731 // DRIVE NORTH SOMMARENT ME
		Audress	1. 161 0 1 00
		Signed .	William Littown Date 415 29
D67d 12/85			AUTHORIZED REPRESENTATIVE

MICHIGAN DEPARTMENT OF PUBLIC HEALTH

Authority: Completion: Penalty:

Act 368 PA 1978
Required
Conviction of a violation
of any provision is a
misdemeanor.

	WATER WE		RD MICH	IIGAN DEPARTMENT
1 LOCATION OF WELL	A CT294	PA 1965	· · · · · · · · · · · · · · · · · · ·	OF PUBLIC HEALTH
County Twp. 75	-	Fraction	Section No. Town	Range
Distance And Direction from Road Intersections	·	NEWL	5W1 2 3	#/s. 4/ 2/w.
	WNER No		3 OWNER OF WELL:	1/ malel
Kever Bendonie	•		Address	
Street address & City of Well Location	THICKNESS	BEPTH TO	4 WELL DEPTH: (completed)	must
2 FORMATION	OF STRATUM	BOTTOM OF STRATUM		Pate of Completion 30, 1967
CLAY	3	(3)	5 Cable tool Rotary  Hollow rod Detted	☐ Driven ☐ Dug ☐ Bored ☐
brown soft sandrack	10	13	6 USE: Domestic Public	Supply Industry ditioning Commercial
eranial white medium hard			7 CASING: Threaded Wolded	
sandrock	42	75	in. to Part. Depth	surfaceft.
			in. toft. Depth	Drive Shoe? Yes No
	<del> </del>	ļ	8 SCREEN:	
		<u> </u>	Туре:	
,			Slot/Gauze	•
	-		Set betweenft, and	
	_		Fittings: NONE	<del></del>
			9 STATIC WATER LEVEL	e
			10 PUMPING LEVEL below land su	
	<del> </del>		hrs. pur	
				npingg.p.m.
			II WATER QUALITY in Parts Per I	
	<del></del>		1	•
			Hardness D №1 12 WELL HEAD COMPLETION:	
			Pitless Adapter	12" Above Grade
			13 GROUTING: Well Grouted? Yes 12 No	
·		<u> </u>	Material: Neat Cement	
			Depth: Fromft. toft.	· / -
		i	14 SANITARY: NoT INSTAL	
			Nearest Source of possible conta	
		ļ	Well disinfected upon completion 15 PUMP: D. J. No.T. i.v.s	
			Manufacturer's Name	
•			Model Number	HP
			Length of Drop Pipeft. c	apacityG.P.M.
		1.3	O Jet O	Reciprocating
16 Remarks, elevation, source of data, etc.	•		WELL CONTRACTOR'S CERTIFICA I was drilled under my jurisdiction ar	
ADDED INFO. BY DRILLER, ITEM NO.		, to the be	est of my knowledge and belief.  1921 WELL DRIKLING	6484
€CORRECTED BY:		Address	EGISTERED BUSINESS NAME	GISTRATION NO.
φαλοοιτιον θλτ	: '	Signed	Planes Level	Date 12/11/12
2677		1	STITUTION REPRESENTATIVE	

	W		PA 1965	עא		MICHIGAN D	DEPARTME! OF .	NT .	
1 LOCATION OF WELL		ACT 294	PA 1905	• .	· , -		CHEALTH		
County	Twp / ///	···	Fraction	<del> </del>	Section No.	Town	Range		
CALHOUN	Mouni		WE WH	-16 W/4	ノ	13 W	1 -	<b>⋤</b> ⁄/₩.	
Distance And Direction from Road	Intersections OW	NER No	NE NI	3 OWNER	OF WELL:	A in			
	<del></del>		<del></del>	Addition	mille	11100	1.		
Street address & City of Well Local	5 RIVENSBENDPI	110E	- 0.47		11/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1	ion			
		AL FI THICKNESS	DEPTH TO	4 WELL D	EPTH: (comple	eted) Date of (	Completion		
2 FORMATIO	ON	OF STRATUM	BOTTOM OF STRATUM	820	2 ft	· May 8		7	
2		- //	-/	5 4 cob	Te tool	Rotary 🔲	Øriven	Dug	
Clay		7	2				Bored		
10 00 100	and the	10	1(13/			Public Supply Air Conditionin	☐ Indu		
1. De sans 1 40	mres	/			Test Well	]	y		
brown sandra	zk:	7	20			Welded   Hei	ght: Above/.	Below	
1	and the first	1 /	اد دے		10 <u>22 ft.</u>		ace/	/ ft.	
moreum adid w	till Dankorto	40	80				ght		
				8 SCREEN		Depth Driv	e Shoe? Tes	No.	
				1		Dia.:			
				Į.		Length			
	9-			Į.		Length. . andf			
				Set betw	eenft.	. and	<b>t.</b>		
			·.	Fittings	<b>:</b>				
				1 _	WATER LEVE				
			<del> </del>		ft. below to	and surface			
		ĺ				ow land surtace hrs. pumping	21		
					_		_		
						—hrs. pumping—		_g.p.m.	
						arts Per Million:			
<u> </u>			Iron (Fe)Ch				•		
				Hardness					
				12 WELL H	EAD COMPLE	TION: 🖳 In App	proved Pit		
}			ļ		Pitless Adar	oter 12" A	bove Grade		
	•			13 GROUTI	NG: uted? \(\simeg\) Yes	☑ No.			
			<u> </u>		: Neat Cerr		- <del>-</del>		
				<u> </u>	Fromft.			***************************************	
				14 SANITA	RY: VOTIN	STALLEDY	EI		
				Negrest	source or poss	ible contamination Direction	ח		
						completion			
	<u> </u>				Did NOT ;				
				Manutaci	rurer's Name				
				Model N			1P		
		<del> </del>		1 _	of Drop Pipe Submersible	_ ` `	G.P.A	и.	
				–	] Jet	Recipro	cating		
16 Remarks, elevation, source of a	lata, etc.					RTIFICATION:			
ADDED INFO. BY DRILLER, ITEM NO	).				under my juris wledge and bel	diction and this r	eport is true		
			LEON	١ .	LL DAILL	INA	0404	4	
*:ORRECTED BY:			R	EGISTERED BU	ISINESS NAME	- γ	REGISTRATIO	он но.	
**ADDITION BY:			Address	45/,	D. Bred	respon	<u>"                                    </u>		
			Signed	More	ntun	Dore L	2/11	4>	
0670 1004 6.66 1111			٠. ل	AUTHORIZED R	EPRÉSENTATIVE	,	/	•	
D67D 100M 6-66 Jiji	2.3.196g GEO	LOGICA	L SURVE	Y COPY	•				

of Sample No.	<b>-</b>	WATED WE		•^nn	Owner No.
County	Twp.	WAIER WE	ILL REC	עאט,	Town 35 Range
Calhoun	"Albion			W 22 sec. 1	N/S. 4W
Distance from Roads, Se			-	**	
Haven Hills	i.				
FOR	MATION	THICKNESS	BOTTOM OF	15	· · · · · · · · · · · · · · · · · · ·
<del></del>		STRATUM	STRATUM	A. SanfordCo	ntractor
Drift		30'	30'		
7		201	501	Driller and Address:	
Brown sand rocl	<u>K</u> :	28'	58'	Ben Musser	Date of Completion
White sand rock	<u>k</u>	49'	107'	107 ft.	Sept. 15, 1943
				Cable tool Ro	tary Dug R.
				Use: Domestic P	Public Supply   Indus
<del></del>				☐ Irrigation ☐ Air ☐ Test Well ☐	
				Casing: Diam.	Height: Above
				3 in. to 33 ft	Depth surface
	4		-	in. toft	1
				Screen:	
	· 4				Dia:
			<del>                                     </del>	Slot/Gauze	Length
			<u> </u>	Set between	ft. and ft.
	•			Accessories:	
				Water level:	x LSD
			<del> </del>	It. above	7-De LOW
**			<u> </u>	ft. above	
	4			Meas. by Rriller Contractor	Date 5/仏仏
			<del> </del>	Drawdown:	
				ft. after	hrs. pumping_ <u>14</u> _g.g
				ft. after	hrs.pumpingg.p
				Meas. by Priler Flow:	Date ~1.1.1
	·		ļ	Flow:	5/44,
				g.p.m./g.	p.h. Temp:
				Water Quality in Parts	Per Million:
· · · · · · · · · · · · · · · · · · ·	ly		<del> </del>	-11	Chlorides (C1)
				Hardness	
				Elevation:	t. above
			<del>                                     </del>	Source of data:	
<u>L</u>	h		<u> </u>	Contractor D	uller
	i i			Record by:	Date: 10/24/66
Remarks:	1		<u> </u>	1mt	10/24/00

of / Sample No.			URVEY DIV		Owner No.
· ·			LL REC		
County  Distance from Roads, Sect	TWP. ALBION		ţ	12 4 Sec. 11	Town Range
bristance from Roads, Sect	Ton Ernes, etc.				H 7
FORMAT	TION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM	Owner:	<u> 21                                   </u>
Juilt		30	30	Address:  Driller and Address:	riel.
Drift brown sand White sand	noch.	28	58	Son Millian	40°
White sauce	really.	49	207		Date of Completic
· · · · · · · · · · · · · · · · · · ·					ted 🔲 Bored
					Conditioning 🔲 Dewa
				Casing: Diam.	L L
				in. toft.	Type-Weight Depth 心心。
				Type:	
				Siot/Gauze Set between	
				Accessories:	, it, and it
			·	Water level:	below <u>250</u>
				ft. above/	belowDate
		-		Meas by Drawdown:	2391512
			·	ft. after	_hrs. pumping / 4 g.
			<u> </u>	Meas. by	_hrs. pumpingg.
				Flow:	20415 194
	· · · · · · · · · · · · · · · · · · ·			g.p.m./g.p Water Quality in Parts	Per Million: Chłorides (C1)
				Hardness	
				Elevation:	• above
				Source of data: Pulley Porce. Record by:	0
				Record by:	Date: 2/2/60
Remarks:	•				

:-

, un <u>,</u>	" ,		<u> </u>		The second second	•
GEOLOGICAL SURVEY SAMPLE No.		-				
T 298 0 9 19725 (* )		··· ·	- · · · ·	السالسا لسلسا	ــــــــــــــــــــــــــــــــــــــ	
		WATER WE	LL RECORD		MICHIGAN DEPARTMENT OF	-

	WAIER V	WELL REC 94 PA 196	CORD	1	MICHIGAN DEP OF	
1 LOCATION OF WELL					PUBLIC HEA	***
County Township Name		Fraction	W.S W.	Section Number	Town Number	Range Number
Distance And Direction from Road Intersections X	Dry	10000	3 OWNERDOF V	VELIC/	W/S.	K/W.
to mily north of Di	Chu X	, ·	11	Polot	MULL	es
in cast siched mi	79		Address		3	- /
Street address & City of Well Location	•			Lomes	_	
Locate with "X" in section below Sket	ch Map:		4 WELL DEPTH	(completed)	Date of Completio	on - /
			/5		2-01-	- //
<b>┃</b> ├─┤┯┪╸┤╴┤			5 Z Cable to		ıry 🔲 Drive	en 🔲 Dug
			Hollow r			
			6 USE: Tom	=	ic Supply	Industry
± M1.				Well	Conditioning [	Commercial
		•	7 CASING: Th	readed Welde	d Height: Ab	ove/ <del>Balon-</del>
S MILE			Diam.		Surface	ft.
2 FORMATION	THICKNESS OF	DEPTH TO BOTTOM OF	#in. to	ft. Dept	h Weight	lbs./ft.
7	STRATUM	STRATUM	in. to	ft. Dept	h Drive Shoe	? Yes No
(OX not	14	141	8 SCREEN:			
1 / //	+//-	<del>/</del>			_	
(Occes of an ales	1//	20		ft. and _		
41 11	12.	100	Fittings:	11. and _		
Sand rock	120	150				
			9 STATIC WATE			
		-		ft. below land su		
		1		ft. after hrs.		<i>j</i>
	<u> </u>		<i>6</i> —	11. arter <u>7</u>	pumping	g.p
*				ft. after hrs.	pumping	g.p.m.
			11 WATER QUA	LITY in Parts Per	Million:	
			Iron (Fe)	Chlo	rides (CI)	
1						
		<del> </del>		COMPLETION:		Di t
			l .	tless Adapter		
			13 Well Groute	ed? Yes No		
			☐ Neat C	ement 🔲 Bentor	nite 🔲	
i			Depth: Fro			
1	<u> </u>		A TO AMERICA.	orce of possible c	~ 4 /	le Tuna
				cted upon comple		No Type
			15 PUMP:		vot installed	0 16
			Manufacture	1170	catur	Pung
,			Model Numb	, , , , , ,	HP 5 Vol	ts 200
İ			Length of D	. —	. capacity 2	G.P.M.
			Туре:	ubmersible		
				Jet	Reciprocating	
USE A 2ND SHEET IF NEEDED						
16 Remarks, elevation, source of data, etc.	1	17 WATER	WELL CONTRA	CTOR'S CERTIF	CATION:	
ADDED INFO. BY BRILLER, ITEM (NO.		This well	I was drilled un	de my juristication	and this report	is true
THE STATE OF THE S	•		nonce	WWW X	mue.	907
≈CORRECTSD BY:	•	REGI	STEREO BUSINESS	i NAME	EGISTR	ATION NO.
	•	- Address	J/11	ny	15	/ /
● ● ADDITION DY-		Sienne	MI	enklar	1 000 11	15/72
D47-d 100M (Rev. 12-68)	<del></del>	Signed _	AUTHORIZED REF	RESENTATIVE	Date	

	<del>-</del>	- [ ] ]	
	WATER WELL RE		MICHIGAN DEPARTMENT
1 LOCATION OF WELL	<u> </u>	<u>.                                    </u>	PUBLIC HEALTH
County Township Normal	Fraction	VESE Section	Number Town Number Range Number VW.
Distance And Direction from Band Intersections	In west	3 OWNER OF WELL:	7 9 . X
1 29 m	A Marie	Address A 2 2	
Street address & dity of Well Location 275	David A Valla	String ()	of the state of
	ketch Map:	4 WELL DEPTH: (com	npleted) Date of Completion
		120	fr. 12-2-70
<b> </b>		5 Cable tool	☐ Rotary ☐ Driven ☐ Dug ☐ Jetted ☐ Bored ☐ ☐ ☐
<b>┃</b> *├╶─┤──┼──┼── <b>─</b>		6 USE: Oomestic	Public Supply Industry
		Irrigation	Air Conditioning Commercial
		Test Well 7 CASING: Threaded	Welded Height: Above/Below
1 MILE		Diam.	Surfaceft.
2 FORMATION	THICKNESS DEPTH TO OF BOTTOM OF	F  In. to	ft. Depth   Weight   Ibs./ft.
(V) () A	STRATUM STRATUM	8 SCREEN:	ft. Depth   Drive Shoe? Yes No
lay- Sandy & Stone	20 20	Type:	Dia.:
The web & stones	20 (46)		Length
19 mm 4/1 0 xxy - w	$\alpha$	Eintings.	_ ft. andft.
sould rock	80 170		
		9 STATIC WATER LEV	
		10 PUMPING LEVEL b	
		ft, afte	er 3 hrs. pumping 417 g.p.m.
		ft. afte	erhrs. pumping g.p.m.
		11 WATER QUALITY I	·····
		tron (Fe)	Chlorides (CI)
·		Hardness	Other
			LETION: In Approved Pit
		Pitless A	
·		13 Well Grouted?	
		Depth: From	ft. toft.
		14 Narrest Source of feet	Direction Type
			pon completion Ses No
		15 PUMP:	Not installed
	· ·	Manufacturer's Na	me
			HPVolts peft. capacityG.P.M.
		Type: Submer	
		Jet	Reciprocating
USE A 2NO SHEET IF NEEDED			
16 Remarks, elevation, source of data, etc.	17 WATER	WELL CONTRACTOR	S CERTIFICATION: jurisdiction and this peport is true
	to the t	pest of my knowledge an	Hollen 0404
ملة الاستكار والمدرور	REG	ISTERED BUSINESS NAME	DESISTRATION NO.
	Addres	s // /	xxrengesor
		Mr. Ken	nan/ (1) -5-70
D67d 100M (Rev. 12-68)	Signed	AUTHORYZED REPRESEN	FATIVE Date

GEOLOGICAL SURVEY SAMPLE No.	F. 1 4 1981	WATER \				WICHIGAN DEPA		
1 LOCATION, OF WELL Cagairy	Township Name	, ein	Fraction		Section Number	PUBLIC HEA	Range N	lumber
on early secondstreet address & City of Well Locat	ntersections /	3	707 207	3 OWNER OF W	Berl)	Meller me me	Z,	₩.
Locate with "X" in section belo	w Sketo	ch Map:		4 WELL DEPTH  Cable to Hollow r	ol Arota		, <u> </u>	Dug
W				6 USE: Frig	nestic Publ	ic Supply	Industr Comme	rcial
2 FORMATION	ı	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM	Diam. in. toin. to	ft. Dept	Surface	/ft /lbs./f	· ft.
Clay		22	22	l .		_ Dia.:		
Shale	ock.	25	80		ft, and			
Sandroe	K	30	7,		FR LEVEL ft. below land su EVEL below land			
			110	,	ft. after hrs.   ft. after hrs.	pumping	g.p.	
					LITY in Parts Per			
					Other Other	In Approved Pi		
				1.	d? Yes No ement Benton m O ft.	and the second s		
				20 feet	prize of possible completed upon comple	on defi	le.	Type
-				15 PUMP:	. —	Not installed	2	30
				Length of D	rop Pipe <u> 60</u> ft Submersible	_	.P.M.	,
USE A 2ND SHEET IF			17 WATER V	VELL CONTRA	CTOR'S CERTIFI	Reciprocating	#1 y	·
ADDED INFO. BY DRILLER, IXEM M	•		This well to the be	? Pwas drilled un	der my jurisdiction	n and this report	is true  M. 0  AZION NO.	40
•CORRECTED BY:	A Sign of Land	oriment	Address	N.X.	mer	Poste 8-	29	-81

... (NCV. 12-00)

GLOCOGICAL SURVEY SAMPLE NO.			
		WELL REC	
1 LOCATION OF WELL	ACT 29	94 PA 196	OF PUBLIC HEALTH
County Township Name		Fraction	Section Number Town Number Range Number
CALHOUN ALBI Distance And Direction grown Road, leversections		11 19 VgY	1 3 M/S. 4 E/W.
To Mily BORTHE MY	mathor	19	Kubb Kaffel L.
Section 2 Live	I Sout	Telde	Address/0 45/1 Maghed
Street address & City/of Well Location  Locate with "X" in section below	Sketch Map:		4 WELL DEPTH: (completed) Date of Completion
			150 ft. DEC 30 1971
			5 Cable tool Rotary Driven Dug
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	d.		Hollow rod Jetted Bored 5 USE: Domestic Public Supply Industry
	$\lambda \Lambda$		b USE: ☑ Domestic ☐ Public Supply ☐ Industry ☐ Irrigation ☐ Air Conditioning ☐ Commercial
	<u> </u>		Test Well
1 Mile	Dar		7 CASING: Threaded Welded Height: Above/Selow
	THICKNESS		4
2 FORMATION	OF STRATUM	BOTTOM OF	in, toft. Depth   Drive Shoe? Yes \( \bigz \) No \( \bigcap \)
	14	141	8 SCREEN:
Clay prom		177	Type: Dia.;  Slot/Gauze Length
Clay brown sandy	16	(30)	Set betweenft, andft.
set brown sandrock	5	35	Fittings: NoNE
1	2		9 STATIC WATER LEVEL
mediun hard white gan hi	Th. 11	46	ft. below land surface
medim hand brown Sandre	\$ 84	130	87 ft. after/ hrs. pumping 20 g.p.m.
0 11			for a five the second
medin kan but the white	<u> </u>		11 WATER QUALITY in Parts Per Million: UNKNOWN
sandrock unter bearing	9 20	150	Iron (Fe) Chlorides (CI)
Y			
			12 WELL HEAD COMPLETION: In Approved Pit
			Pitless Adapter 12" Above Grade
			13 Well Grouted? Yes No
			Nest Cement Bentonite
·			Depth: From ft. to ft.  A Nearest Source of possible contamination
			4 Nearest Source of possible contamination  55 feet SE Direction SENTIC TILE FIELD Type
			Type Direction SENTE TIME Type
			Well disinfected upon completion Yes No  15 PUMP: Not installed
			Manufacturer's Name
			, Model Number HP Volts
			Length of Drop Pipeft. capacityG.P.M.
			Type: Submersible  Jet Reciprocating
USE A 2ND SHEET IF NEEDED		17 WATER 1	MELL CONTRACTOR'S CERTIFICATION
16 Remarks, elevation, source of data, etc.		1.	WELL CONTRACTOR'S CERTIFICATION: I was drilled under my jurisdiction and this report is true
, Hill have a seller item 193		to the be	STEREO BYSINESS NAME REGISTRATION NO.
			STERED BUSINESS NAME REDISTRATION NO.
февот (2014-6 <b>%</b> )		Address Signed	M. Leonore Date 1/8/72
D67d 100M (Rev. 12-68)		] Signou ∑	AUTHORNEO REPRESENTATIVE

## 11-3S-4W Albion Twp. (Calhoun Co.)

### Perry Fulk

Harvey J. Martin etal No. 1

Permit No. 26634

Drilling Contractor: Don Scott Drilling Co., Inc. (Rotary 0-4220)

Location:  $SW_{\overline{u}}^{\frac{1}{2}} NW_{\overline{u}}^{\frac{1}{2}} SW_{\overline{u}}^{\frac{1}{2}}$  Section 11, T. 3S, R. 4W

990' from north and 330' from west line of quarter section

Elevation: 996.5 feet above sea level (rot. bush.)

Record by: Wm. Iversen from geologic sample log submitted by the company; some formation tops from Schlumberger Gamma Ray-Neutron Log (Si)

some formation tops from Schlumberger Gamma Ray-New	tron Log (S,	j)
	Thickness (Feet)	Depth (Peet)
PLEISTOCEME-MISSISSIPPIAM: Drift-Marshall:	,	,
Sand and gravel	288	288 Sj
MISGISSIPPIAN: Coldwater:		
Shale, light gray-blue gray Sunbury:	984	1272 5j
Shale, dark gray black-dark brown, carbonaceous	18	1290 5,1
Berea-Bedford: Shale, as above	38	1328 33
MISCISCIPPIAN-DEVONIAN: Antrim:	•	
Shalo, as above	218	1546 Sj
DEVCNIAH: Traverse Formation:	٠,	
Shale, light gray brown-gray, shaly limestone Traverse Limestone:	<u> </u> 45	1588 <b>3</b> j
Delomite, while, tripolitic with much dense chert Limestone, white, fossiliferous, chalky with chert Shale, medium gray	7 11 13	1595 1606 1619
Limestone, gray-white, fossiliferous, some shaly limestone	e 170 (201)	1789 3j
Dundes: Dolomite, buff-white, very finely sucrosic Detroit River:	49	1838 Sj
Delomite, light brown, finely sucrosic with anhydrite Dolomite, as above with much white fibrous massive anhydrite	l ite 274 (275)	1839 2113 Sj
DEVONIAN-SILURIAN:	(417)	
Bois Plane-Bass Islands: Delomite, white, dense, slightly sucrosic in part	89	2202 Sj
SILURIAN:		
Salina-Niagaran:	65	2267
Chale, medium gray Dolomite, gray-brown, sucrosic with gray shale	133	2400 -

Albion Twp. (Calhoun Co.)

Thomas B. Mask, Ray D. Markel, K. P. Wood, Jr.

Ben H. Wilson No. 1

Permit No. 23144

Drilling Contractor: McClure Drilling Corp. (Rotary)

Location:  $NW_4^1 SW_4^1 SW_4^1 Section 11. T. 3S... R. 4W.$  920" from South and 330" from West line of quarter section

Elevation: 1012,7 feet above sea level (rot. bush.)

Record by: J. Bolt from partial sample log submitted by the company; some formation tops from Schlumberger Camma Ray-Neutron (Schj.)

PLEISTOCENE: Drift: Drift	Thickness (feet)	Depth (feet)
MISSISSIPPIAN: Marshall: Sand, "Marshall"	182	295 Sehj.
Coldwater: Shale, "Coldwater"	998	1293 Schj.
Sunoury: Shale, black, "Sunbury"	16	1309 Schj.
Berea=Bedford: Shale, black, "Sunbury"	39	1348 Schj.
MISSISSIPPIAN-DEVONIAN: Antrim: Shale, "Ellsworth" Shale, black, "Antrim"	117 100 (217)	1465 1565 Schj.
DEVONIAN: Traverse Formation: Shale, gray and shale, limy or lime, shaly	43	1608 Schj.
Traverse Limestone: Limestone, tan., cherty Shale, gray, limy Limestone, variable tan and gray tan Limestone, variable tan and light gray, with fossils; a	17 15 5	1625 1640 1645
little lime, shaly Limestone as above Lime, clean, drills fine As Limestone above (1688 LFM = 1688 SDF) Lime, shaly in part, with some anhydrite Limestone, dull tan and gray tan, fossils?	10 25 5 10 35	1655 1680 1685 1690 1700

# 11-3S-4W Albion-Twp. (Calhoun Co.)

Mask, Markel & Wood, Jr.

#### Ben H. Wilson No. 2

Permit No. 23547

Drilling Contractor: McClure Drilling Corp. (Rotary)

Location:  $SE_{+}^{1} SW_{+}^{1} SW_{+}^{1}$  Section 11, T. 3S, R. 4W

330' from South and 990' from West line of quarter section

Elevation: 1030.0 feet above sea level (rot. bush.)

Record by: William Mantek from sample log submitted by the company; some formation tops from Schlumberger Gamma Ray-Neutron

Log (Schj)

PLEISTOCENE:	Thickness (feet)	Depth (feet)
Drift: "Drift"	60	60)
MISSISSIPPIAN:  Marshall:  Sandstone, gray to white, shaly	265	325 Schj
Coldwater: Shale, light gray, soft	993	1318 Schj
Sunbury: Shale, brown to black, carbonaceous	17	1335 Schj
Berea - Bedford: Shale, gray	39	1374 Schj
MISSISSIPPIAN - DEVONIAN: Antrim: Shale, brown to black, carbonaceous	221	1595 Schj
DEVONIAN: Traverse Formation: Shale, medium brown, calcareous	41	1636 Schj
Traverse Limestone: Chert, light gray; with Dolomite, buff Limestone, gray, chalky Dolomite, buff, crystalline; with Chert Limestone, gray, slightly crystalline Limestone, light gray, mottled Limestone, medium gray, argillaceous Limestone, brown to gray, years argillaceous	19 10 15 32 6 42 23	1655 1665 1680 1712 1718 1760
Limestone, brown to gray, very argillaceous Limestone, light brown, crystalline Dundee:		1827 Schj
Limestone, light brown, crystalline Dolomite, brown, very sucrosic	5 42 (47)	1832 1874 Schj

# 11-35-4W Albion Twp. (Calhoun Co.)

### Perry Fulk

Martin-Peak No. A-1

Permit No. 22610

Drilling Contractor: D. B. Lesh Drilling Co. (Rotary)

Location: N. N. N. N. section 11. T. 35.. R. 4W. 330° from North and 330° from West lime of quarter section

Elevation: 1019.0 feet above sea level (rot. bush.)

Record by: R. J. Thompson from driller's log and some formation tops from Schlumber-

ger log (Schj.)

PLEISTOCENE:	Thickness (feet)	Depth (fest)
Drift:	(1695)	(168£)
Drift	103	103
Drift and gravel	87	190
	(190)	
MISSISSIPPIAN:		_
Marshall:		
Shale, gray and gravel (?)	56	246
Shale with lime and annydrite (?)	51 (107)	297 Schj.
Coldwater:	(TO) )	
Shale with lime and anhydrite	83	380
Shale, gray	18	398
Shale, gray and sand	267	665
Shale, gray	45	710
Shale, and lime	190	900
Shale	107	1007
Shale, gray	278	1285
Shale, gray and red	13	1298 Schj.
The second secon	(1001)	
Sunbury:		
Shale, black	17	1315 Schj.
·		
Perea-Bedford:		
Shale, gray	35	1350 Schj.
MISSISSIPPIA N-DEVONIAN:		
Antrin:	• .	
Shale, black	145	1495
Shale, green	40	1535
Shale, gray brown	23	1558
Shale, black	ú	1569 Schj.
•	(219)	
DEVONIAN:		
Constant Traverse Formation:	,	•
COMPLETED Shale, gray	41	1610 Schj.
8-25-60	•	
CASING		

CASING

RECORD

## C. B. Mansfield Drilling Co.

## A. I. Root No. 1

Permit No. 21826

Drilling Contractor: B. & H. Drilling Co. (Rotary)

Location: Not Set SEt section 11. T. 35., R. 47.

990' from South and 300' from West line of quarter section

Elevation: 1008.0 feet above sea level (rot. bush.)

Record by: W. E. Mantek from geologic log submitted by the company; some formation tops from Birdwell Radiation log (RA.)

PLEISTOCERE: Drift: Sand and gravel	Thickness (feet) 76	Depth (fuet)
MISSIGSIPPIAN:		
Marshall:		. 13.5
Sand, brown and lime, gray	109	185 '
Sand, and lime, sandy	120 (229)	305
Coldwater:	• • •	
Sand and shale	90	395
Lime and shale	100	495
Shale with some lime	<b>7</b> 5	<b>57</b> 0
Shale, dark to black	400	970
Shale, gray, red	345	1315 RA.
	(1010)	
Sunbury:		
Shale, black	7	1322 吨。
Berea-Redford:		•
Shale, gray	53	1375 RA.
MISSISSIPPIANLDEVONIAN:		•
Antrim:		
Shale, black	155	1530
Shale, gray	34	1564
Shale, black	24 (213)	1588 11.
. DOMESTAR.	_ (21)/	
DEVONIAN:		
Traverse Formation:	22	16 <b>1</b> 0
Shale, dark gray	15	1625
Lime, brown	3	1628 RA.
Shule, dark gray	(40)	TOTO IM.
Therease Linearane	(40)	•
Traverse Limestone:	٦٤	1643
Lime, cherty	15 6	1649
COMPLETED Lime, gray, cherty	_	1680
1/2. Z if George (Eray); Share, Et ay	Jan Dita	1724
OACINO	31 44 45 69	1769
7.	40 47	1838 R. A.
RECORD Limestone, gray	(210)	والم والم الرابع
1034" 550	(220)	

GEOLOGICAL SURVEY NO. WATER	WELL A	AND PL	JMP RECORD PERMIT NUMBER
1 LOCATION OF WELL	<u> </u>		
County Township Name		Fraction	Section Number Town Number Range Number
Calhoon Albian  Distance And Direction From Road Intersection		KW 1/43	3 OWNER OF WELL 22
	, / ./		3 OWNER OF WELL: D. A & C.C. 5- pala
oway mile spp. 1/2 Mile of			Address 10500 39 Mile
Albem / Convoice Re West	side		A110 m 1 19224
Street Address & City of Well Location			Address Same As Well Location? 🖟 Yes 🔲 No
Locate with "X" in Section Below Sk	etch Map: /47.≟.	111	4 WELL DEPTH: Date Completed New Well
	Albren Ro		150 FT. 9 1 88 Replacement Well
797	M. C Res.		5 Cable tool Rotary Driven Dug
w =			6 USE: Domestic Type   Public Type III Public
	1/2 m	:/c	Irrigation Type IIa Public Heat pump
<del> </del> <del> </del> <del> </del> <del> </del>			Test Well Type IIb Public
1 1 1	X		7 CASING: Diameter Steel Threaded Height: Above/Betree
1 MILE		252511 72	Plastic Welded   Surface
2 FORMATION DESCRIPTION	THICKNESS OF STRATUM	BOTTOM OF	in. toft. depthin. toft. depth
	3 THAT ON		Grouted Drill Hole Diameterin. toft. depth Drive Shoe
Gravel & Clay Hixed	35	35	
2 - 2 - 2 - 2 - 2		-	8 SCREEN: Not installed
Soft Sandrock Yellow	12	47	Type Diameter
Med Hard Sandrock Yellow Dry	28	75	Slot/Gauze Length
THE THE SELECTION STY			Set betweenft. andft. FITTINGS: K-Packer Lead Packer Bremer Check
Sandrock Brown	20	95	Blank above screenft. Other
			9 STATIC WATER LEVEL:
Sandrock Gray Med Hard	25	120	60 ft. below land surface Flow
Sandrock Gray Hard	=0	3.50	10 PUMPING LEVEL: below land surface
Sandrock Gray nard	30	150	65ft. after2_hrs. pumping at125 G.P.M.
			ft. after hrs. pumping at G.P.M.
			11 WELL HEAD Pitless adapter 12" above grade
			Basement offset Approved pit
			No Yes From to
			Neat cement Bentonite Q Other Benseal
			No. of bags of cement Additives  13 Nearest source of possible contamination
			Type Sentic Distago 1 1 ft. Direction West
			Well disinfected upon completion? Yes No
			Was old well plugged? Yes No
			14 PUMP: Not Installed Pump Installation Only
	· ,		Manufacturer's nameGoulds
to the market	,		Model number 0 TG 50412 HP 5 Volts 230
	-		Length of Drop Pipe80 ft. capacity G.P.M  TYPE: Submersible
			PRESSURE TANK:
New 1821 1991 25 11 11 12 13	••.		Manufacturer's name None Installed
USE A 2ND SHEET IF NEEDED		10===	Model number Capacity Gallon
15. Remarks, elevation, source of data, etc.		This we	R WELL CONTRACTOR'S CERTIFICATION:  Il was drilled under my jurisdiction and this report is true
		io ine b	est of my knowledge and belief
		R. M.	REGISTERED BUSINESS NAME INC. REGISTRATION OF
17. Rig Operator's Name:		Address	215 Marrington Rd. Parma, Nich. 49269
Ronald DeForest		1	AUTHORIZED REPRESENTATIVE Date 9/20/88
D67d 12/85		1	AUTHORIZED REPRESENTATIVE Authority: Act 368 PA 1978

- MICHIGAN DEPARTMENT OF PUBLIC HEALTH

Completion: Pensity:

Required
Conviction of a violation of any provision is a misdemeanor.

... GEOLOGICAL SURVEY NO.

	WELL	AND PL	JMP RECORD PERMIT NUMBER
1 LOCATION OF WELL County Township Name	-	Fraction	Section Number   Town Number   Range, Number
- CALLOUN ALDION		NW1/4	NM/4 1/4 12 3-N/S 4 E/W
County  — CALLOUN TOWNShip Name  ALDION  Distance And Direction From Road Intersection  South of Albion Concor  FEASTOF 29 MILLE ROAD  OF ALBORITHMENT CONCOR  OF ALBORITHMENT	nd 180	ad a	Address 16235 ZVELLE ROAD
			$A^{holo}$
Street Address & City of Well Location 29 // Locate with "X" in Section Below 2/// Sk	カルミイ	JALbior	Address Same As Well Location? Yes No 4 WELL DEPTH: (completed) Date of Completion
Locale Will A III Section Selow	Retch Map:		100 ft. May 10,1986
Locate with "X" in Section Below	ONCOR	Rol	5 Cable tool Rotary Driven Dug Hollow rod Auger Jetted
X			6 USE: Domestic Type   Public Type   II Public Heat pump Test Well Type   IIb Public
1 MILE			7 CASING: Steel Threaded Height: Above/Below Plastic Welded Surface
2 FORMATION DESCRIPTION	THICKNESS OF	DEPTH TO BOTTOM OF	in to 40 tt depth Weight Ups. H
0 / / .	STRATUM	STRATUM	Groyled Drill Hole Diameter in. to 70 ft. depth  Groyled Drill Hole Diameter Drive Shoe Yes
BROWN BANDY CHAY	10	10	in, to ft. depth No
sandy class	25	35)	8 SCREEN: Not Installed  Type Diameter
SANdROCK	6.5	100	Slot/Gauze Length
SAMONOUN	05	100	Set betweenft. andft.  FITTINGS: K-Packer Lead Packer Bremer Check
			Blank above screenft. Other
			9 STATIC WATER LEVEL:
	<del> </del>		10 PUMPING LEVEL. below land surface
			51 ft. after 1 hrs. pumping at 30 G.P.M.
			ft. after hrs pumping at G.P.M.
		·	11 WELL HEAD COMPLETION: Pitless adapter 12 above grade Basement offset Approved pit
			12 WELL GROUTED? No Yes From 6 to 40 ft.
			Neat cement Bentonite Other
			No. of bags of cement Additives
			Type SEPTIC Distance SE ft. Direction
RECEIVED	ļ		Well disinfected upon completion? Yes No
Mich. Dept. of Public Health			Manufacturer's name Govk Pump Company
JUN 1 2 1986			Model number 105705422 HP 2 Volts 230  Length of Drop Pipe 5 ft. capacity 10 G.P.M.
Bureau of Environmental and Cocupational Health GWQS			TYPE: Submersible Jet PRESSURE TANK: WXTROX
USE A 2ND SHEET IF NEEDED	  ~ j~'\		Manufacturer's name WX2C2 Capacity 42 Gallons
15. Remarks, elevation, source of data, êtc.	i.	This wel	R WELL CONTRACTOR'S CERTIFICATION: Il was drilled under my jurisdiction and this report is true est of my knowledge and belief.
		SE	BASTIAN & SONS 1559
JUN 3 19	30 <i>6</i>	Address	REGISTERED BUSINESS, NAME 28721 UN DRIVE NORTH SPRINGPORT
0014 9 72	986	Signed .	William Debostrain Date 5-10-86
767d 2/84			AUTHORIZED REPRESENTATIVE Authority Act 368 PA 1978

MICHIGAN DEPARTMENT OF PUBLIC HEALTH

**GEOLOGICAL SURVEY COPY** 

Authority: Completion: Penalty:

Act 368 PA 1978
Required
Conviction of a violation
of any provision is a
misdemeanor.

	WATER V	VELL REC	ORD	MIC	CHIGAN DEPA		
1 LOCATION OF WELL			<u>SE 52</u>	)	OF PUBLIC HEA	LTH	
County Township Name	lbion	Fraction		Section Number To	_	Range N	,
Distance And Direction from Road Intersections	Throu	14	3 OWNER OF V		ે= <del>હ</del> ⁄s.	4	₹W.
2/10 di. of 30 Mi. on Street address & City of Well Location		N. Sid		John Grun 29787 E. Albion, L	<b>Iri</b> e	2 <i>\</i>	
Locate with "X" in section below	Sketch Map:			: (completed) Dat		n	
	DR 5,	3011	Hollow r	no1 A Rotary od Jetted nestic Public	Drive Bored	l [	
			Test	=		ove/Betov	,
1 MILE	THICKNESS	DEPTH TO		51 ft. Depth	Surface		
2 FORMATION	OF STRATUM	BOTTOM OF		ft. Depth			
Sand @ Clay	15	15	8 SCREEN:	NONE			<u> </u>
Gravel & Stones	35	50)	1				
Sand Rock	رر 60	110	Set between Fittings:	ft. and	ft.		
2210 11001		110	9 STATIC WATE				
			ļ <u> — —  </u>	ft, below land surface EVEL below land sur	~		
				ft. afterhrs. pun R TEST	nping	g.p.	m. :
				ft. after hrs. pun ALITY in Parts Per Mi		g.D.	m.
			Iron (Fe)	Chloride	es (CI)		
				Other _			
			l	COMPLETION:			
			<u> </u>	tless Adapter ed? Yes  No	12" Above Gr	ade	
		-		ement Bentonite	ونبت 🗆	h	<del>ببن ۾</del>
				mft, to	ft.	G.I.	
				rce of possible cont			Туре
			Well disinfe	cted upon completio		10	
			15 PUMP: OTT	1⊒RS □ Not	installed		
AUDED INFO BY DRILLER. II	M NO.		7	er's Name		- <del></del>	<del>,</del>
CORRECTED BY	, A			perft.c			
•• ADDITION BY ELEVATION	. /		]	Submersible			
DEPTH TO ROCK	·/			Jet 🔲	Reciprocating		
USE A 2ND SHEET IF NERDED		,					
16 Remarks, elevation, source of data, etc.	•			CTOR'S CERTIFICA			
	· · · · · · · · · · · · · · · · · · ·	This wel to the be ບົດຂ	I was drilled un est of my knowle	der my jurisdiction a adge and belief. LEINTELT &	and this report	0107	
			STERED & DOINE S		REGISTRA		
11 J 558 9 0 1			-	tte, Ni. 4	L8313		<del> </del>
7 T T T T T T T T T T T T T T T T T T T	381		MELS	-616	12 M	n /00	
D67d 100M (Rev. 12-68) 13-76 (70-90)	เลยสาริสเติก	Signed _	AUTHORIZED REF	RESENTATIVE	_ Date <u>9/1</u>	7/*0	
Same Grade W	lica.	l ciny	·	·			
	GEOLOGICA	AL SUKYI	ET COPY				

GEOLOGICAL SURVEY SAMPLE No.

DEC 0.3 1974	WATER WELL RECORD					ARTMENT
1 LOCATION OF WELL					PŨBLIC HEA	LTH
County Township Name/		Fraction	~~~	Section Number	Town Number	Range Number
Calloun Class	m	SE'S	ESE"	12	3 M/s.	4 2W.
Distance And Direction from Road Intersections	thorie	·V	3 OWNER OF W	ELL:	- 1.	1
on northelect of Vi	2-1-		Add Last	70 6g	med	11/1
Shows address 2 Six of Well bosonies	•		2995	341	1 In a	Khuon
Street address & City of Well Location  Locate with "X" in section below Sk	etch Map:		4 WELL DEPTH	: (completed) Da	ate of Completio	n
N N N N N N N N N N N N N N N N N N N			95 4	ft. /	1-18	- 74
			5 Cable to		Drive	n Dug
			Hollow r		d Bored	·
<b>■ * </b>	·		6 USE: Don	estic Public	Supply	Industry
l l l l l l l l l l l l l l l l l l l			Irrig	ation 🔲 Air Co	onditioning [	Commercial
			7 CASING: Test		<del></del>	
I MILE			Diam.	readed Welded	Surface	,
	THICKNESS	DEPTH TO	H 10.10	41 ft. Depth		
FORMATION	OF STRATUM	BOTTOM OF STRATUM	in. to		Drive Shoe	
1. //	2 2	(30)	8 SCREEN:			
and	28	18)	Type:		Dia.:	
V	17	7	Slot/Gauze _		Length	
sand roll	41	/	Set between	ft. and	ft.	
· · · · · · · · · · · · · · · · · · ·		015	Fittings:			
		<del>-4-)</del>	9 STATIC WATE	R LEVEL	<del>-</del> ,	
			10	ft. below land surf	ace	
	·		10 PUMPING L	EVEL below land si	urface	,,
			70	ft. after $Z$ hrs. pu	umping	g.p.m.
			,			
	<del>-   </del>			ft. after hrs. pu LITY in Parts Per N		g.p.m.
	·			Chlori		
			1	C		
			Hardness _	Other		
			12 WELL HEAD	COMPLETION:	In Approved P	it
			7		12" Above Gr	ade
				d? Yes Aro		
			Depth: Fro	ement Bentonit		
				mft. to rce of possible cor		<i></i>
			5.5 feet		n All	UC_Type
				cted upon completi	/	10
			15 PUMP:	Z Na	t installed	
			Manufacture	er's Name	<del></del>	
·			)	er		
	<del></del>		1	rop Pipeft.	capacityG	.P.M.
				Submersible .	Do-in-posine	
				let []	Reciprocating	
USE A 2ND SHEET IF NEEDED			<u> </u>			
16 Remarks, elevation, source of data, etc.		17 WATER	WELL CONTRA	CTOR'S CERTIFIC	ATION	
STORE INC. BY DRILLER, IT COM		the be	iwas drilled un est of my knopycje	der my itirjediction dge and peller	and this report	15 true
ALL PLOTED BY T. T.		120	STERED BUSINESS	0001-10	REGISTR	7
** THE TRUE BY	<i>∽</i>		1 10	MA LALA	IN REGISTRY	- 110H HO.
Y EVATION		Address	110)	- Jil	<del>-0.1-</del>	
GETH WINDS	j	Signal	M. H	onder	Days 1/.	20-74
100M (Ray 19268)		Signed	AUTHORIZED REP	RESENTATIVE	Uate	

	WATER WE		RD	MICHTO	GAN DEPARTMEN	1T -
	ACT 294	PA 1965		·	OF JBLIC HEALTH	
1 LOCATION OF WELL		·				
County  CA / houn  Distance And Direction from Road Intersections  151 Place South HIB TOME CONT	ON-	NEW N	Section N EVALEN 12	7	Range	<b>€</b> /W.
Distance And Direction from Road Intersections	OWNER No		3 OWNER OF WELL	HAROL	1 Price	
151 FIRE DOUPH MILLION,	card Rd		Address	005 5,	DURANG	œ
ON W. Side VANWERT Street address & City of Well Location	,				11/1641	
	THICKNESS	DEPTH TO	4 WELL DEPTH: (c.	ompleted) Dat	e of Completion	$\sim$
2 FORMATION	OF STRATUM	BOTTOM OF STRATUM	150	fr. 9-	-3 - 69	
SANGY CLAY	10	10	5 🔀 Cable tool  Hollow rod	☐ Rotary ☐ Jetted	☐ Driven☐ Bored	و با
SHNd	36	(46)	6 USE: Domestic		pply   Indu tioning   Com	
Soft BIOWN SHND rock	8	54	7 CASING: Thread		Haisher Abous /I	<del></del>
· ·	i		Diam. Inreda	7名. Depth	surface	ft.
Hard Brown SANdrock	19	73	in. to	fe Dooth	Weight_/5	-
GRAY SANdrock	77	150	8 SCREEN:	rr. Deprn	Intive Suge: 1 est	<u> </u>
,			Туре:	Di	a.:	
			Slot/Gauze	L	ength	<del></del>
			Set between	ft. and	ft.	
			Fittings:			
			9 STATIC WATER L			
			10 PUMPING LEVEL		ice _	
		<u> </u>	72. ft. afte			_g.p.m.
			ft. afti	erhrs. pumpi	ng	_g.p.m.
			11 WATER QUALITY			
		-	Iron (Fe)	Chlorides	(CI)	
			Hardness	· · · · · · · · · · · · · · · · · · ·		
			12 WELL HEAD COM		n Approved Pit 2'' Above Grade	
			13 GROUTING:			
			Well Grouted?			
			Material: Neat			
		ļ	Depth: From			
			Negrest Source of	naesible cantemi	nation	
		<del>                                     </del>	feet	•		
			Well disinfected up			•
			15 PUMP: No+ I	Nstalle	d	
	-		Manufacturer's Nar	me	<u></u>	
			Length of Drop Pip			١.
			Type: Submers	sible 🔲 _		
16 Remarks, elevation, source of data, etc.		17 WATER	WELL CONTRACTOR'		ociprocating ON:	
, , , , , , , , , , , , , , , , , , , ,		This we	ll was drilled under my	jurisdiction and	•	.
. ADDED INFO, BY DRILLER, ITEM NO.		to the bi	est of my knowledge and	Soul	106	
:: *CCRRECTED BY:		(1.7.	My, BYCWRF REGISTERED BUSINESS NA	ME -	REGISTRATIO	ж но.
Anaportion W		Address	C15 HAKI	RINGTO	N Td.	
◆◆ADDITION BY	·	Signed_	Muchael	Laces	oto 6-10	-70
	<del></del>	]	AUTHORIZED REPRESENTA	TIVE !		-

67D 100M

GEOLOGICAL SURVEY SAMPLE No.

GEOLOGICAL SURVEY SAMPLE No.		
- FEB 07-1974	WATER WELL	RECORD / MIGHIGAN DEPARTMENT
1 LOCATION OF WELL	ACT 294 PA	1965 OF PUBLIC HEALTH
Compy Township Name	Fracti	
Dispance, And Direction from Road Directions	72 UN	3 graner Of Wells 2
4 milisough & B	In soul	Must de reger Builden
in east sell of 29 M	ne pos	Address 1045 maply
Street address & City of Well Location  Locate with "X" in section below Ske	etch Map:	4 WELL DEPTH: (completed) Date of Completion
		100 1-31-74
		5   Counter
<b>┃</b> ~ ├		6 USE: Domestic Public Supply Industry
		Irrigation Air Conditioning Commercial
		Test Well
1 MILE		Surfaceft.
2 FORMATION	THICKNESS DEPTH OF BOITOM STRATUM STRAT	OF Weight Weight
X /	311/41/01/11	UMin. toft. Depth   Drive Shoe? Yes   No     8 SCREEN:
Janel	20 20	Type: Dia.:
Graves	1030	Slot/GauzeLength
X	1 10	// Fittings:
Sand 1906	10 10	9 STATIC WATER LEVEL
		ft. below land surface
· ·		10 PUMPING LEVEL below land surface  10 ft. after hrs. pumping 30 g.p.m.
		The arter wins, pumping grown,
		ft. after hrs. pumping g.p.m.  11 WATER QUALITY in Parts Per Million:
		tron (Fe) Chlorides (CI)
		12 WELL HEAD COMPLETION: In Approved Pit
		Abortiess Adapter 12" Above Grade
		13 Well Grouted? Yes And
	<del>-   </del>	Depth: Fromft. toft.
		14 Nearest Source of possible contamination
		Well disinfected upon completion No
		15 PUMP: A Not installed
		Manufacturer's Name
		Model Number HP Volts G.P.M.
		Type: Submersible
	_	Jet Reciprocating
USE A 2ND SHEET IF NEEDED		
16 Remarks, elevation, source of data, etc.		ER WELL CONTRACTOR'S CERTIFICATION: well was drilled under my jurisquetion and this report is true
CORP. WITH OUR PROPERTY AND	John John	e best of my knowledge and/bellef.
ADDED INFO BY CRILLER, ITEM NO.	The state of the s	EGISTERED BUSINESS NAME REGISTRATION NO.
Transmina By	Addr	
ELEVATION -	Siane	M. Kenney Date 2-2-74
D67d 100M (Rev. 12-68)		AUTHORIZED REPRESENTATIVE

## 12-35-41 Albion Twp. (Calhoun Co.)

C. B. Mansfield Drilling Co.

11	earr	berg	No.	1
----	------	------	-----	---

Permit No. 21739

Drilling Contractor: B. & H. Drilling Co. (Rotary)

Location: NW, SE, NE, section 12, T. 3S., R. 4W. 990° from South and 990° from East line of quarter section

Elevation: 994.2 feet above sea level (rot. bush.)

Record by: W. E. Mantek from driller's log; some formation tops from Birdwell Nuclear log (BN)

F	PLEISTOCHN: Drift:	Thickness (feet)	Depth (foet)
	Sand and gravel drift	30	30
	Drift	30 33 (63)	63
ľ	TISSISSIPPIAN:		
	Michigan:	•	48 No.
	Shale, gray green and brown and white sand	77	140
	Marshall:		
	Sand, brown to light and grayish white and brownish	185	325
	Sand, white and brownish	100 (285)	425
	Coldwater:		
	Shale, gray	25	450
	Shale, gray, sticky	120	570
	Line, gray	10	580
	Shale, gray	130	710
	Shale, dark gray with lime stringers	325	1035
	Shale, gray; lime shelves	225	1260
	Shale, gray and red; lime	50	1310
	Shale stringers, gray and red	9 (894)	1319 BN
•	Sunbury:		
	Shale, gray and black	13	1332 BN
	Berea-Bedford:		
٠.	Shale, gray	46	1378 BN
COMPLETED."	ISSISSIPPIAN-DEVONIAN:		
8-28-59	120 Ct. Till?	200	=
CASINO	Shale, black	172	1550
CASING	Shale, gray	27	1577
RECORD	hale, black	11 (210)	1588 BN
550" CT/ [	EVONIAN:		
-8 30/	Traverse Formation:		
	Shale, gray	24	1512
	Lime, grayish	18	1630
	Shale, black	3	1638 BN
	•	( 50)	-
	er en en en en en en en en en en en en en	· · · · · · · · · · · · · · · · · · ·	

GEOLOGICAL SURVEY SAMPLE No.	ge training					
-AUG 0 1 1975	WATER W	VELL REC	L	ــــا لـــا لـــ ۱۵۸۵	HHLLL IIGAN DEPAF	AI L
1 LOCATION OF WELL	· ACT 294	PA 196	5	To a	OF PUBLIC HEAL	
Coopiy Township Mame	' //	Fraction WW. 91		Number Tow	<b>7</b> . [	Range Number
Dispance And Direction from Road intersections,	gan n	MAN	3 BWAIER OF WELL:	3 0	M/s.	- 4 K/W.
on North of a gray of		9	Address	Go St	our	Frad
Street address & City of Well Location	feet			011	es es	,
Locate with "X" in section below Sk	etch Map:		4 WELL DEATH, ICOM	pleted) Date	of Completion	75
			5 Cable tool	ft. Rotary	Driven	☐ Dug
			Hollow rod	Jetted	Bored	
			6 USE: Domestic	Public Su	=	Industry Commercial
			Test Well		T	
1 MILE			7 CASING: Threaded	welded [	Surface 3	
2 FORMATION	THICKNESS OF	DEPTH TO BOTTOM OF	4 in. to 4		Weight	
Q /i	STRATUM	STRATUM	8 SCREEN:	ft. Depth	Drive Shoe?	Yes L
Sand 1	30	×3/	Type:			
Lane rock 1	40	7.5	Slot/Gauze Set between			
Sand voch	39	134	Fittings:			
			9 STATIC WATER LEVE			
			10 PUMPING LEVEL be	w land surface elow land surfa		<del></del>
			47 ft. afte	hrs. pump	ing 30	g.p.m.
			ft. afte	r hrs. pump	ing	g.p.m.
·			11 WATER QUALITY in			
			110011107	Ciriorides	(617	
			Hardness			
			Filless A	dapter 1	2" Above Gra	
			13 Well Grouted? Y	• —	П.	
			Depth: From	ft. to	ft.	4
			14 yearest Source of r		// a b T	Type
			Well disinfected up			<u> </u>
			Manufacturer's Nar	Not in	stalled	
			Model Number			
			Length of Drop Pip Type: Submers		pacity G.	ч.,
			Jet	Re	eciprocating	
USE A 2ND SHEET IF NEEDED						
16 Remarks, elevation, source of data, etc.  ADDEC INFO BY DRILLER ITEM (	ŀ	17 WATER V	VELL CONTRACTOR'S was drilled under my st of my knowledge, an	S CERTIFICAT juristijojijon an	d what report is	s true
*CORRECTED BY	٧٥.	Sex	LATOWE	Ellery	Les C	1.404/
**************************************	1	REGIS Address	TERED BUSINESS NAME	gRot	NEGIS INA	IION NO.
CEPTH TO ROCK		Address ,	n/1	7-0	1	12.70
D67d = 100M (Rev. 12-68)	Gracia	Signe	AUTHORIZED REPRESENT	ATIVE	Date	

100M (Rev. 12-68)

\*CCRRECTED BY (

\* \* ADDITION BY ELEVATION

DEPTH TO ROCK

This well was drilled under my jurisdiction and this report is true

to the best of my knowledge and belief.

R.M. Brever & Son Inc.

Address Parma. Michigan

GEOLOGICAL SURVEY SAMPLE NO.	-35-1	
OCT-29 1973	WATER WELL R	ECORD MICHIGAN DEPARTMENT
1 LOCATION OF WELL	ACT 294 PA 1	
County of Albrus Township Name	Fraction	NEWE Section Number Town Number Range Number
Distance And Direction from Road Intersections 20	outh set	3 ONNER OF WELL: We will be a first of the second of the s
ab & dono 46001 fue	stal.	Address 7/6 M X Address
Street address & City of Well Location 2 9 Mul	le Noas	allinon
Locate with "X" in section below Sketch	п Мар:	4 WELL DEPTH: (completed) Date of Completion
		ft. 7 Cable tool Arotary Driven Dug
	500	Holltow roa Jetted Bored
	19-2	6 USE: Magnestic Public Supply Industry  Irrigation Air Conditioning Commercial
	/	( Test Well
1 MILE		7 CASING: Threaded Welded Height: Above/Below Diam.
2 FORMATION	THICKNESS DEPTH TO	of $\frac{4}{2}$ in. to $\frac{7}{2}$ ft. Depth Weight lbs./ft.
1	STRATUM STRATUM	8 SCREEN:
Clay	15 13	Type: Dia.:
and war	25 40	Slot/Gauze Length ft. and ft.
The state of the s	75(11)	- Fittings:
Clay 1	75 (1)	9 STATIC WATER LEVEL
thall	25 140	10 PUMPING LEVEL below land surface
Sand Rab.	20 160	It later hrs. administration g.p.m.
		to after the second
		ft. after hrs. pumping g.p.m.  11 WATER QUALITY in Parts Per Million:
		tron (Fe) Chlorides (CI)
		HardnessOther
		12 WELL HEAD COMPLETION: In Approved Pit
		Pitless Adapter 12" Above Grade
		Neat Cement Bentonite
		Depth: Fromft. toft.  14 Nearest Source of possible contamination
·		feetDirectionType
		Well disinfected upon completion Yes No  15 PUMP: Not installed
and the same of th		Manufacturer's Name
		Model Number HP Volts G.P.M.
A Committee of the Comm	- N	Type: Submersible
4. 2.		Jet Reciprocating
USE A 2NO SHEET IF NEEDED TO THE SHEET		
16 Remarks, elevation, source of data etc. அளி அர	17 WATE	R WELL CONTRACTOR'S CERTIFICATION: vell was drilled under my jurisdiction and this report is true best of my knowledge and beying.
	120	manifell files
Spirit 1.20 M.	Addre	the water
THE PROPERTY AND A STATE OF THE	Addre	
D67d 100M (Rev. 12-68)	Signed	AM JUNE Date 10 - 20-7

35-3	WATER WE	LL-RECOI	RD MICHIGAN DEPARTMENT OF
1 LOCATION OF WELL		* **	PUBLIC HEALTH
CALHOUN Two.	,~	Fraction SWNSW	WWW 35 Range Range
Distance And Direction from Road Intersections	WNER No		3 OWNER OF WELL: Oarl Brater
125 Linewoods all	ion		Address 125 Linwood
2 FORMATION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM	4 WELL DEPTH: (completed) Date of Completion 100 ft.
brown sand fine	36	36	5 Cable tool Rotary Driven Dug Hollow rod Detted Bored
line sand and gravel	25	61	6 USE: Domestic Public Supply Industry    Irrigation Air Conditioning Commercial
quavel	1	(8)	7 CASING: Threaded Welded Height: Above/Below
soft brown sandrock	12	80	# in. to
medium der to soft	20	,	S SCREEN:
oray sankioch		100	Type:Dia.:
' cuy xim sans as t			Slot/GauzeLength
			Set betweenft. andft.
		-	Fittings:
			9 STATIC WATER LEVEL35ft. below land surface
			10 PUMPING LEVEL below land surface  45 ft. after Lhrs. pumping 30 g.p.m.
			ft, afterhrs. pumpingg.p.m.
		·	11 WATER QUALITY in Parts Per Million:  Iron (Fe)Chlorides (CI)
			Hardness UNKNOWN
			12 WELL HEAD COMPLETION: In Approved Pit Pitless Adapter 12" Above Grade
			13 GROUTING: Well Grouted?  Yes No
	<del></del>		Material: Neat Cement
			Depth: Fromft. toft.  14 SANITARY:
			Negrest Source of possible contamination feet W Direction Affairtype
			Well disinfected upon completion PYes No
			15 PUMP: D, d NOT INSTALL  Manufacturer's Name
			Model NumberHP
			Length of Drop Pipeft. capacityG.P.M.  Type:  Submersible
16 Remarks, elevation, source of data, etc.		17 WATER	☐ Jet ☐ Reciprocating WELL CONTRACTOR'S CERTIFICATION:
ADDED INFO. BY DRILLER, ITEM NO.		This well	ll was drilled under my jurisdiction and this report is true
*:ORRECTED BY:		LEON	EGISTERED BUSINESS NAME REGISTERATION NO.
**ADDITION BY		Address_	- Attended 1/25/6
D67D 100M 6-66		Signed	AUTHORIZED REBRESENTATIVE

3.~	ACT 294	PA 1965	ND	••	- · MIC	HIGAN DEI OF		:
1 LOCATION OF WELL	-	•				PUBLIC		يار ماريخي
County Twp		Fraction		Section No.	Town	n .	Range	<u></u>
CALHOUN Shendas	<b>*</b> \.	GE WF	15 P 1/4	35	- I .	<i>₹</i> <b>y</b> //s.	1/5	₽⁄W.
Distance And Direction from Road Intersections	NER No		3 OWNER	OF WELL:				
4 onces east of Maple St ON	NEK NO		KOX	\$ <sup>0</sup> ∮1,	icker	<u>ب</u>		
			Address	. 4. 0.				
Street address & City of Well Location LALLE DR. A	IBIO	1/					317	
2 FORMATION	THICKNESS	DEPTH TO				Date of Cor		
	STRATUM	STRATUM	120			2000		
0 /	_	خ	5 Д Соы		Rotary			Dug
sand brown	2	<u> </u>			Jetted			
sandy lay brown	15	20	_		_		Industry	
sandy class brown	12	20		Irrigation Test Well		ındifioning	Commerc	cial
well- line pand	17	(37)				ı 🗍 lu a i akı	: Above/Beto	==
gerter jun and		K./	Dieg.	49	te Deceb	)   	771/	/w _ft.
soft pork and	3	90		,	п. Беріп	Weight		-
The same of the sa	14-		in. to	, <u></u>	ft, Depth		Shoe? Yes N	
medium hard Darle + Santroll	43		8 SCREEN					
ĺ ,		07	Type:			Dia.:	<del></del>	
mill cerall	<del> </del>	83	Slot/Gau	z <b>e</b>		l enath		
and the second of the second				ien		_		
The second was trained			1		11. dna			
Aundrock	37	120	Fittings:					
				WATER LEV				
		<del></del>		ft. below				
			10 PUMPING					
		·	-20	ft. after_	≤_hrs. pu	Jmping	7 <i>0</i> g.p.	.m.
				ft. after_	hrs. pt	umping	g.p.	·m.
			11 WATER C	QUALITY in	Parts Per	Million:		
			Iron (Fe)		Chlori	des (CI)		
			Hardoess					
	-	ļ				<del></del>		
			12 WELL HE					
	ļ		13 GROUTIN	Pitless Ad	apter L	] 12" Abov	/e Grade	
			Well Grou	nted? ☐ Ye	s El No			
			1	Neat C		]		
		İ	Depth: F	romft	. toft	١.		
	1		14 SANITAR	Y: No. F	In STAL	LEdy	ET	
				iource of pos	ssible cont	tamination		
<u> </u>		]	1			SEDI.		
						on Wes	∐ No	
,	1		15 PUMP: [			GLAKE		
	<del> </del>		1	urer's Name_		НР	<del></del>	
				Drop Pine		capacity		
	1		1	Submersibl		]		
			''''	Jet _		Reciproca	ting	
16 Remarks, elevation, source of data, etc.		17 WATER	WELL CONTE	RACTOR'S	ERTIFIC	ATION:		
ADDED INFO. BY BRILLER, ITEM NO.	•		ll was drilled			and this repo	ort is true	
			est of my know ARD WEA	-	//	. ^	Unil	
*CONSECTED 8Y:		√ AR	EGISTERED BUS	SINESS NAME	= /Ny	A E	GISTRATION NO	<del></del>
25 OUTTODAGE	-	Ath	1, LB	renell	BONT	4		
مَعَدِينَ مَعَدِينَ مَعَادِينَ الْعَادِينَ الْعَادِينَ الْعَادِينَ الْعَادِينَ الْعَادِينَ الْعَادِينَ الْعَادِي		Augurana,	mil	THE STATE OF THE S	man	1.	124/1	ァ
	• • • • • • • • • • • • • • • • • • • •	Signed_	AUTHORIZED RE	PRESENTATIV	/E	_Date/	//-	<u>-</u>
5675		-						

NOV 2 4 1972	WATER \		MICHIGAN DEPARTMENT OF
1 LOCATION OF WELL		20	PUBLIC HEALTH
Calhour Township to me	clan	Fraction	Section Number Town Number Range Number 2 WS. 4 WW.
Distance And Direction from Road Intersections			3 OWNER OF WEL
1 22 2 2 2 2 4	. /	11.	Address Auberts thenhouse
Street address & City of Well Location 5986 MA	uch a	Kocon	1598 Out Michalbion
Locate with X in section below Sketc	h Map:		4 WELL DEPTH: (completed) Date of Completion  12 D ft. Quad 2 1972
<b> </b>			5 Cable tool Rotary Driven Dug
			Hollow rode; Jetted Bored
			6 USE: HUT stic Public Supply Industry  Irrigation Air Conditioning Commercial
			Test Well
			7 CASING: Threaded Welded Height: Above/Below
1 MILE	THICKNESS	DEPTH TO	Sin, to 60 ft, Depth   Weight 15 lbs./ft.
2 FORMATION	OF STRATUM	BOTTOM OF STRATUM	in. toft. Depth   Drive Shoe? Yes No [
Sandy Class		27	8 SCREEN:
C 11			Type: Dia.: Slot/Gauze Dia.:
Sandy gravel		42	Set betweenft. andft.
gravel u/sand		(55)	Fittings:
			9 STATIC WATER LEVEL
Sang hock		1204	ft. below land surface
			3 Z ft. after hrs. pumping 30 g.p.m.
			ft, after hrs. pumping g.p.m.
			Iron (Fe)
			HardnessOther
			12 WELL HEAD COMPLETION: In Approved Pit
	ļ		Pitless Adapter 12" Above Grade
			13 Well Grouted? Yes No Neat Cement Bentonite
			Depth: Fromft. toft.
	<del> </del>		14 Nearest Source of possible contamination ;
			Well disinfected upon completion Avest No
			15 PUMP: Not instance Pump
<u> </u>			Manufacturer's Name
			Model Number 0 5770 HP Volts 2 0 G.P.M.
			Type: Submersible
	<del> </del>		Jet Reciprocating
USE A 2ND SHEET IF NEEDED			
16 Remarks, elevation, source of data, etc.  ADDED INFO. BY DRILLER, ILLER	YL-		WELL CONTRACTOR'S CERTIFICATION: I was drilled under my jurisdiction and this proport is true
ADDED INTO, DI DRILLER, HARRIS	<del>,</del> ,	Zo the be	set of my knowledge and ballet rules 0404
●CORRECTED BY.	O	REGI	STERED BUSINESS NAME RESISTRATION NO.
• • ADDITION 3M		Address	Springfor
- Constituting Sta		Signed	n. Leono 1 - 23-72
D67d 100M (Rev. 12-68)	<u> </u>	l aiguer T	AUTHORIZED REPRESENTATIVE

	WATER WE			MICHIGAN DEPARTMENT _
1 LOCATION OF WELL	ACT 294	PA 1965 		OF PUBLIC HEALTH
County _ Twp.//	7,	Fraction	Section No.	Town Range
Distance And Direction from Road Intersections	in	BE WOF	3 OWNER OF WELL TO	2 pr/s. 4/ BUW.
4 mili last of Mople	OWNER No		3 OWNER OF WELL: JOH Address And	N GIDWELLY
			Address	
Street address & City of Well Location VAL hALL EL	THICKNESS	DEPTH TO	4/201	
2 FORMATION	OF STRATUM	BOTTOM OF STRATUM	4 WELL DEPTH: (complete	June 141957
And In Green	15	1.5		Rotary Driven Dug
sers, exchange	10	25		Public Supply Industry  Air Conditioning Commercial
l V		(1)	☐ Test Well ☐	
The fine and & pract	15	(40)	Diam. Threaded in. to 25ft. D	Velded Height: Above/Baloweth surface 8 ft.
Adthack shile	\$	49		Weightlbs/ft.
mading darlang chile?	96	90	8 SCREEN:	epth Drive Shoe? Yes No
and the second second		10	Type:	Dia.:
beard mill			Slot/Gauze	
modern hard gray endis	130	120	Set betweenft. a	•
me gray the	7	,,,,	Fittings:	···
			9 STATIC WATER LEVEL	
			59 ft. below land	
			10 PUMPING LEVEL below	land surface hrs. pumping <u>30</u> g.p.m.
				ors. pumpingg.p.m.
			11 WATER QUALITY in Par	
			Iron (Fe)	
			Hardness	20 Hay in all
			12 WELL HEAD COMPLETI	
	_		Pitless Adapte	r 12'' Above Grade
			13 GROUTING: Well Grouted? Yes	No.
			Material: Neat Cemer	
			Depth: Fromft. to_	<del></del>
			14 SANITARY: NoT	ALLET YET
			feetDi	rection Type
r			Well disinfected upon con	
			15 PUMP: P. A. A. T. A. Manufacturer's Name	NOTAKL
,		ļ	Model Number	НР
			· _ · ·	ft. capacityG.P.M.
			Type: Submersible	Reciprocating
16 Remarks, elevation, source of data, etc.		•	WELL CONTRACTOR'S CER	TIFICATION:
		A . AL . L .	ll was drilled under my jurisdi est of my knowledge and belie	
ADDED INFO, BY DRILLER, ITEM NO.		LEON	ARD WELL DIRILL	ing 0464
*:ORRECTED BY:			RESISTERED BUSINESS NAME	REGISTRATION NO.
ADDITION ON		Address	and from	1/2/1/15
###POITION BY:		Signed_1	AUTHORIZED REPRESENTATIVE	Date ( ) 4/6/
D67D 100M 6-66 JUL 2 3 1988 GI		- L CHÈV	TV CORY	· _
35-7	EOLOGICA	T 20KA	CI COPY	

GEOLOGICAL SURVEY SAMPLE No.	·			T   -
MAY 2 9 1974	WATER			<del></del>
1 LOCATION/OF WELL	ACT 29	94 PA 196	55 - OF PUBLIC HEALTH	•
Completion Township Name	lan	Fraction	FSF <sub>14</sub> Section Number Town Number Range No.	umber •/W.
Distance And Direction from Road Interdections	nipr		3 OWNER OF WELL:	- VV.
on west side of ma	Then!	<u>()</u> —	Addless 2	
Street address & City of Well Location  Locate with "X" in section below  Ske			111, altron	
Ske	tch Map:		4 WELL DEPTH: (completed) Date of Completion  75 ft. 5-/0->	4
			5 Cable tool Rotary Driven  Hollow rod Jetted Bored	_ Dug
W   -     -     -			6 USE: Comestic Public Supply Industry	
			Test Well  7 CASING: Threaded Welded Height: Above/Berow	<del></del>
1 MILE	THICKNESS	DEPTH TO	Diam.  4 in. to 29 ft. Depth Weight 11 lbs./ft	
2 /) FORMATION	OF STRATUM	BOPTOM OF	in. toft. Depth Weightlbs./ftin. toft. Depth Drive Shoe? Yes	_
Sando gravel	22	22	8 SCREEN:  Type: Dia.:	
X. Don't	100	7.5	Slot/Gauze Length	
Janes 40 CC			Set between ft. and ft. Fittings:	
			9 STATIC WATER LEVEL	
		<u> </u>	ft. below land surface	
			20 ft. afted hrs. pumping 3 g.p.r	m.
And the second			ft. after hrs. pumping g.p.r	m.
DEA			11 WATER QUALITY in Parts Per Million:	
3/3	_	<del> </del>	Iron (Fe) Chlorides (Ci)	
	-	-	Hardness Other  12 WELL HEAD COMPLETION: In Approved Pit	<del></del>
			Pitless Adapter 12" Above Grade	
			Well Grouted? Yes No Neat Cement Bentonite	
	,		Depth: Fromft. toft.//	
			14 Nearest Source of ossible contamination	Туре
			Well disinfected upon completion Yes No	
			15 PUMP: Mot installed  Manufacturer's Name	
			Model Number HP Volts	
			Length of Drop Pipeft. capacityG.P.M.  Type: Submersible	
	<del> </del>		Jet Reciprocating	
USE A 2ND SHEET IF NEEDED	,			
16 Remarks, elevation, source of data, etc.		17 WATER I	WELL CONTRACTOR'S CERTIFICATION: I was drilled under my jurish from and this report is true est of my knowledge and best at	. ,
ADDED INFO BY DRILLER, ITEM NO.	/	BUO	The following of of	
*CORRECTED BY: *ADDITION BY	7.	REGIS Address	STERED BUSINESS NAME LEGISTRATION NO.	
ELEVATION DEPTH TO ROCK	7	Address	m Wa - (1) 5-11-	74
D67d 100M (Rev. 12-68)		Sign	AUTHORIZED REPRESENTATIVE Date	
The state of the s	_		# S	

GEOLOGICAL SURVEY COPY

	AVATER ME		
1 LOCATION OF WELL	WATER WEI		MICHIGAN DEPARTMENT OF PUBLIC HEALTH
1 LOCATION OF WELL County Township Name	/7 J	19872CLUE	Section Number   Town Number   Range Number
Calhoun She	richant	W.SWNE.	33 & N/S. F K/W.
Distance And Diffection from Road/Infersections  Mile South	60 1K	3 OWNER OF	WELL: D.L. Randall
meastruling	THE STATE OF THE S	Address	A. E. Kilgova GCatalina De Jackson Mi 49201
Street address & City of Well Location 100 Maps Locate with "X" in section below	<u>とうた <i>AIDION</i></u> ketch Map:	4 WELL DEPT	H: (completed) Date of Completion
		80	8 in 6-9-74
<b>│</b> ├─┤─ <b>─ X</b> ─ ├─ ┤		5 Cable to	
w		6 USE: Do	
		I =	igation Air Conditioning Commercial
		7 CASING: T	hreaded Welded Height: Aboye Serow
1 MILE	THICKNESS DE	Diam.	Surfaceft.
2 FORMATION	0F   <u>명</u> 요:	TRATUM in. to	
	174	8 SCREEN:	
ganos (	1000	_	Dia.:
Time rock	43 7	/ X	ft. andft.
1 and work		Fittings:	•
2000-10-0	<u> </u>	9 STATIC WAT	TER LEVEL
			ft. below land surface LEVEL below land surface
		1 // /3	ft. aftel hrs. pumping 20 g.p.m.
			for each of the second of
	<del></del>		
		Iron (Fe) _	Chlorides (CI)
		Hardness	Other
			D COMPLETION: In Approved Pit
			itless Adapter 12" Above Grade
			Cement Bentonite
			ource of possible contamination
		LO fee	SE Direction Alber Type
		Well disinf	fected upon completion Yes No
			P Not installed
·			nber HP Volts
			Drop Pipeft. capacityG.P.M. Submersible
		=	Jet Reciprocating
DEAR ING D			
16 Remarks effection, source of data sec	17	WATER WELL CONTRA	ACTOR'S CERTIFICATION:
JUN 1 4 1976		the best of my know	poter my jurisdiction and tyle peport is true edge and hereit
		REGISTERED BUSINES	NAME RECEIVED NO.
	DED INFO BY DRILLER	Address	ringfor
· • A	IDDITION BY	Signed Mr. 40	march Date 4-12-74
	ATION		

GEOLOGICAL SURVEY SAMPLE No.

GEOLOGICAL SURVEY SAMPLE No.		···			
JAN 02 1974	WATER \		65 OF		
1 LOCATION OF WELL	وجوي كالتروسية		55 - PUBLIC HEALTH		
CALHOUN Township NameSH	ERLDA	NFaction VF	EMVEM 45 7 N/S. 4 5/W.		
Distance And Direction from Road Intersections			3 OWNER OF WELL: arthur Mastern		
			Address [1417 Menan Al		
Street address & City of Well Location			allem mich		
Locate with "X" in section below Sket	ich Map:		4 WELL DEPTH: (completed) Date of Completion		
			tt. Dec 14 1973		
			5 Cable tool Rotary Driven Dug Hollow rod Jetted Sored		
<b> </b>			6 USE: Domestic . Public Supply Industry		
			☐ Irrigation ☐ Air Conditioning ☐ Commercial		
			Test Well  7 CASING: Threaded Welded Height: Above/Below		
S MILE			Diam. Surfaceft.		
2 FORMATION	THICKNESS	DEPTH TO BOTTOM OF	in. toft. Depth Weightlbs,/ft.		
	STRATUM	STRATUM	in. toft. Depth   Drive Shoe? Yes No		
			8 SCREEN:		
			Type: Dia.: Slot/Gauze Length		
			Set between ft. and ft.		
			Fittings:		
	1	·	9 STATIC WATER LEVEL		
			ft. below land surface		
			10 PUMP(NG LEVEL below land surface		
			ft. after hrs. pumping g,p.m.		
			ft. after hrs. pumping g.p.m.		
			11 WATER QUALITY in Parts Per Million:		
			Iron (Fe) Chlorides (CI)		
			HardnessOther		
			12 WELL HEAD COMPLETION: Approved Pit		
			Pitless Adapter 12" Above Grade		
The said of the said			13 Well Grouted? Yes No Neat Cement Bentonite		
7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	+		Depth: Fromft.		
	<u> </u>		14 Nearest Source of possible contamination		
,			125 feet SW Direction Sylve Type		
			Well disinfected upon completion wes No		
			Manufacturer's Name Auch		
			Model Number 5#9 D HP LVoits 1/5		
			Length of Drop Pipe 30 ft. capacity 2/26.P.M.		
1			Type: Submersible		
	<del> </del>		Reciprocating		
USE A 2ND SHEET IF NEEDED			·		
76 Remarks, elevation, source of data, etc.			WELL CONTRACTOR'S CERTIFICATION:		
MEDICULINED BY DRELES ITEM		the be	I was drilled under my jurisdiction and this report is true ist of my knowledge and belief		
*CORRECTED BY		REGIS	STEREO BISINESS NAME REGISTRATION NO.		
ELEVATION BY	`	Address	Sprenesker		
DEPTH TO ROCK		1	not a little in in		
		Signe	AUTHORA TO BEDRESENTATIVE		